



LABORATORY CATALOGUE

2024

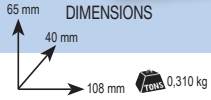
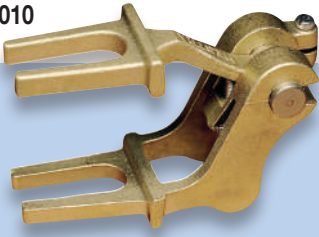
INDEX

| | |
|---------------------------------|----|
| Articulators & Formers | 3 |
| Presses & Clamps | 6 |
| Flasks | 8 |
| Knives & Spatules | 10 |
| Laboratory instruments | 12 |
| | |
| MACHINES | |
| Modeling | 21 |
| Wax | 35 |
| Polymerization | 39 |
| Casting & Tools | 44 |
| Silicon Oxide Crucibles | 45 |
| Furnaces & Tools | 46 |
| Various | 50 |
| Blasting, Polishing & Finishing | 52 |
| Suction & Compression | 68 |
| Cleaning & Disinfection | 72 |
| Furniture & Lighting | 77 |
| Digital | 81 |
| New products | 84 |
| | |
| Alphabetical Index | 89 |

Articulator

(hinged; for complete dentures)

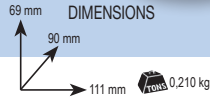
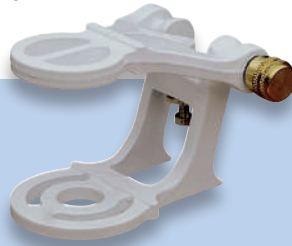
Ref. 010010



Hinged articulator with stainless steel adjustment axle and adjustment screw. Made of high quality brass. Adjustable by means of a screw.

Articulator (cone articulator)

Ref. 010020

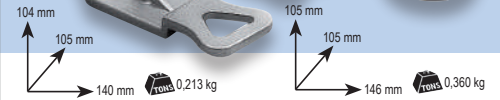
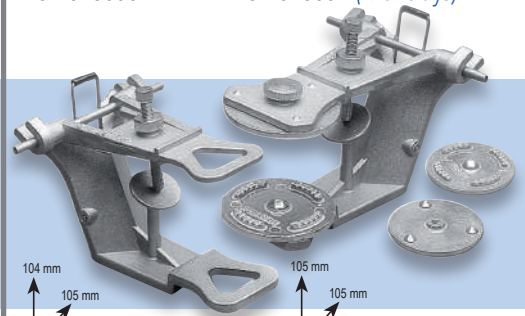


This articulator is adjusted by means of cones: one fixed and the other moveable. This prevents disadjustments due to wear.

Articulator (functional movement articulator)

Ref. 010030

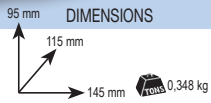
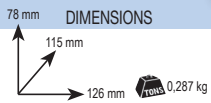
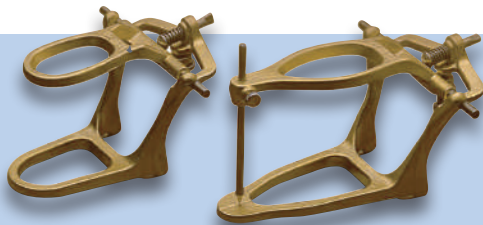
Ref. 010032 (with trays)



It is made in light alloy and combines perfectly weight and endurance. It accurately reproduces jaw movement thanks to its central spring and the lean of the supports

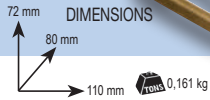
Functional articulator

Ref. 010040 (two-point) Ref. 010050 (three-point)



Functional articulator

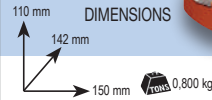
Ref. 010060 (two-point; for bridges)



Made of brass and stainless steel. Thanks to the spring fitted at the centre of the maxilla, this can be moved and then returned to its original position

Articulator for balanced prosthesis

Ref. 010070



Equipped with removable plastic bases, it allows to operate with several models at the same time.

Balanced articulator

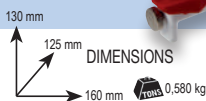
(light) Ref. 010090



The MESTRA articulator reproduces jaw movements based on average records obtained from clinical diagnoses

Balanced articulator

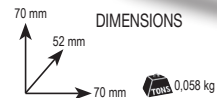
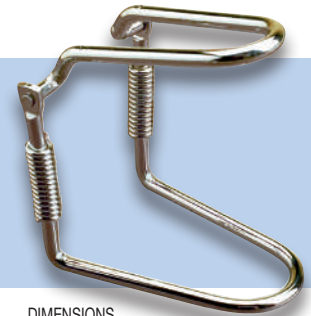
(light) Ref. 010090 B



Same characteristics of Ref.010090, without the occlusal plane.

Spring articulator

Ref. 010150



Plastic articulator (disposable)

(100 articulators)

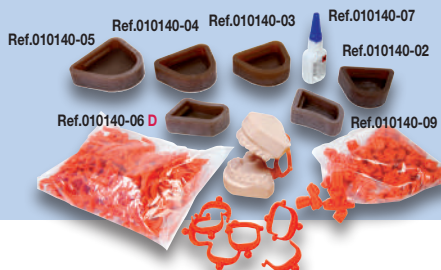
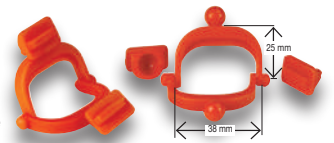


Ref. 010147

Ref. 010148

Plastic articulator (disposable)

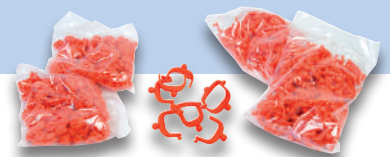
Ref. 010140 Complete kit. Presentation:
4 bases for complete prosthesis
2 bases for partial prosthesis
1 x 20 g container of cyanoacrylate
50 articulators



(L) 250 x (W) 150 x (H) 100 mm 1,039 kg

Spare parts (100 articulators)

Ref. 010145



Condylar articulator

(magnetic) Ref. 010185



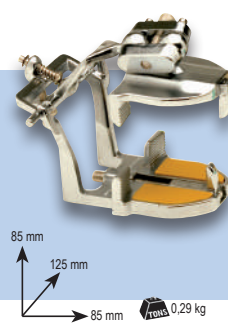
(pins) Ref. 010186



Quick fixing articulator

(for complete prosthesis) Ref. 010160

(for partial prosthesis) Ref. 010172



Arcon type articulator Arquimedes professional

(semiaadjustable) A7 PLUS

Ref. 010099

Articulator + Case

Robust structure made of aluminum, ensuring greater stability. Design that provides greater visibility.

- Semiaadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Curve condylar guide.
- Regulable condylar guide.
- Regulable Bennet angle.
- Central lock.
- Stabilization system of the condilar guide movement with silicone connection.
- Support for upper branch in open position.



Arcon type articulator Arquimedes protrusal

(semiaadjustable) A7 PLUS-E

Ref. 010103

Articulator + Case

Similar to the Archimedes Pro model, it has exclusive aluminum condylar guides with millimeter adjustment.

- Semiaadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Regulable condylar guide.
- Regulable Bennet angle.
- Flat condylar guide.
- Bilateral locking system.
- Support for upper branch in open position.
- Stabilization system of the condilar guide movement with spring.



Arcon type articulator 4.000 S

(semiaadjustable)

Ref. 010107

Articulator + Case

- Semiaadjustable / Arcon.
- Adjustable intercondylar distance (expanding spindle).
- Curve condylar guide.
- Regulable condylar guide.
- Regulable Bennet angle.
- Stabilization system of the condilar guide movement with O-ring.



Arquimedes Junior

(semiaadjustable) A7 FIX

Ref. 010098

Articulator + Carboard box

- Semiaadjustable / Arcon.
- Fixed intercondylar distance (110 mm).
- Condylar guide set at average 30°.
- Bennet angle set at average 15°.
- Curve condylar guide.
- Magnetic stabilization system of the condilar guide movement (built-in).
- Support for upper branch in open position.

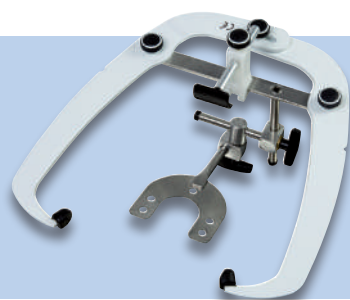


Standard face bow Ref. 010102-50

Medical Device

The Standard face bow is an apparatus used to record the spatial position of the patient's upper dental arch in relation to the skull and transfer the record to the articulator.

Transfer of the patient record is performed by setting the complete face-bow in the upper frame of the articulator.



Elite face bow Ref. 010100-55

Medical Device

The new Elite face bow brings an articulated and fixation system for the fork that allows a faster registration process for the professional and comfortable for the patient. It has a jig transfer assembly that eliminates the needs for face-bow in the assembling process of the casts in the articulator, turning the process faster, more practical and stable. Its Naziun Relator with adjustable height, including an infra-orbital indicator, turns the registration process more precise. The face-bow is equipped with a sliding system which allows smooth lateral movement (opening/closing) and facilitates the overall use. The ear pieces are anatomical, removable and chemically sterilized.



Ref. 010099
Articulator + Case



Ref. 010103
Articulator + Case



Ref. 010107
Articulator + Case



Ref. 010098
Articulator + Cardboard box

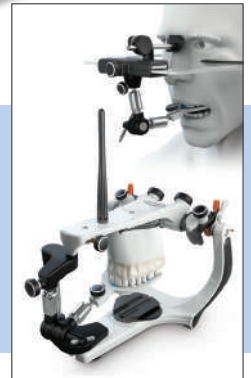


4 models are perfectly compatible with face-bows Estandar and Elite.

Range of accessories:

DIMENSIONS

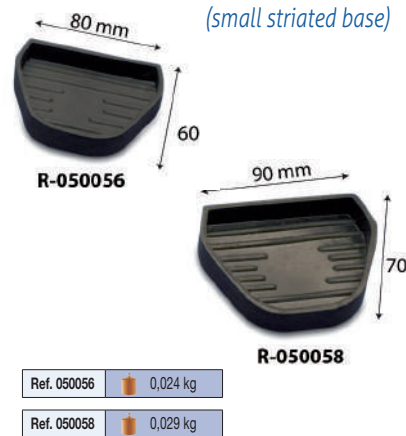
| Model | Ref. 010098 | Ref. 010099 | Ref. 010103 | Ref. 010107 |
|-------------|-------------|-------------|-------------|-------------|
| Height (mm) | 150 | 150 | 170 | 160 |
| Width (mm) | 180 | 170 | 170 | 148 |
| Depth (mm) | 180 | 180 | 180 | 180 |
| Weight | 0.540 kg | 0.689 kg | 0.735 kg | 0.697 kg |



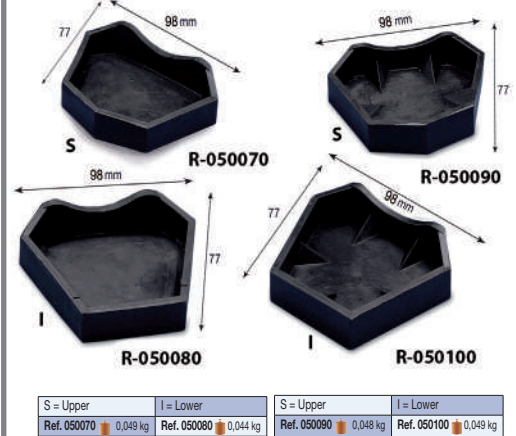
Model formers (for orthodontics training)



Model formers (small striated base)



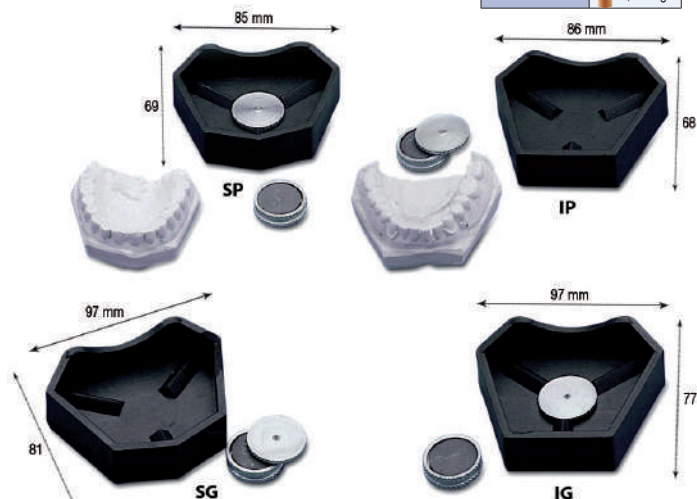
Model base former



Base former with magnet

Ref. 050110=SP Ref. 050120=IP
Ref. 050130=SG Ref. 050140=IG

Ref. 050110=SP 0,080 kg
Ref. 050120=IP 0,083 kg
Ref. 050130=SG 0,092 kg
Ref. 050140=IG 0,094 kg



INSTRUCTIONS FOR USE

1. Fit the base former with the metal plate.
2. Empty the impression as usual.
3. Insulate the model and fit the magnet on the metal plate.
4. Make the counterform that will remain fixed in the articulator by pouring coating plaster on the model; let it polymerize. Then separate the model carefully from the counterform (which can be reused for another model).

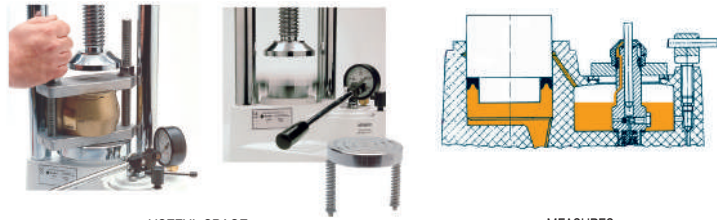
Flat base former with magnet





Hydraulic press Ref. 030350

The MESTRA hydraulic laboratory press is sturdy and pleasing to the eye. It is simple and easy to handle, and the latest trends in new materials have been applied to its construction. Its oil-hydraulic system is designed so that the oil cannot escape from the chamber. All parts subject to wear are made of ground hardened and tempered steel and finished with epoxy paint. The MESTRA press includes bottom plate recovery springs which enable it to be always in a ready-to-use position. The top plate diameter and the width between columns enable flask(s) to be inserted and removed with the MESTRA Ref. 030380 press flange without having to raise or lower the spindle, thus saving time and trouble.



USEFUL SPACE

| | |
|---------------------------|------------------------------------|
| Height | 235 mm |
| Width | 140 mm |
| Piston maximum travel | 25 mm |
| Maximum power admitted | 15.200 kg = 400 kg/cm ² |
| Maximum power recommended | 9.500 kg = 250 kg/cm ² |

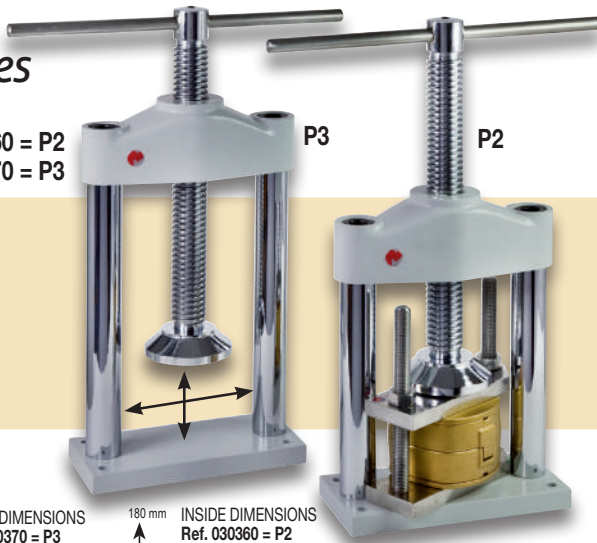
MEASURES

| | |
|-------------------|------------------------|
| Height | 530 mm (screw down) |
| Width | 225 mm |
| Depth | 230 mm (without lever) |
| Diameter of table | 125 mm |
| Weight | 20 kg |

(L) 270 x (W) 270 x (H) 570 mm 22,000 kg

Presses (for flasks)

Ref. 030360 = P2
Ref. 030370 = P3

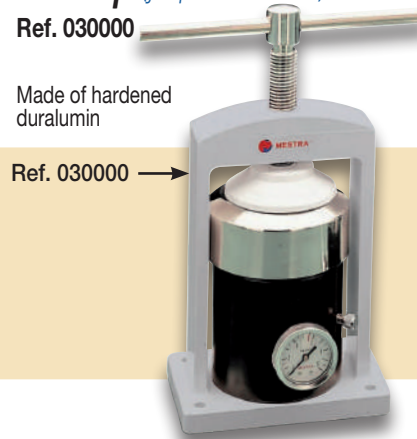


255 mm INSIDE DIMENSIONS Ref. 030370 = P3 12,600 kg
180 mm INSIDE DIMENSIONS Ref. 030360 = P2 11,500 kg

Clamp (for pressure-vessel)

Ref. 030000

Made of hardened duralumin



175 mm INSIDE DIMENSIONS 3,000 kg
130 mm

Pressure vessel (for self-polymerizing resins)

Ref. 030010



OUTSIDE DIMENSIONS INSIDE DIMENSIONS

| | | | |
|----------|--------|----------|--------|
| Height | 165 mm | Height | 115 mm |
| Diameter | 123 mm | Diameter | 103 mm |

Weight 1,6 kg

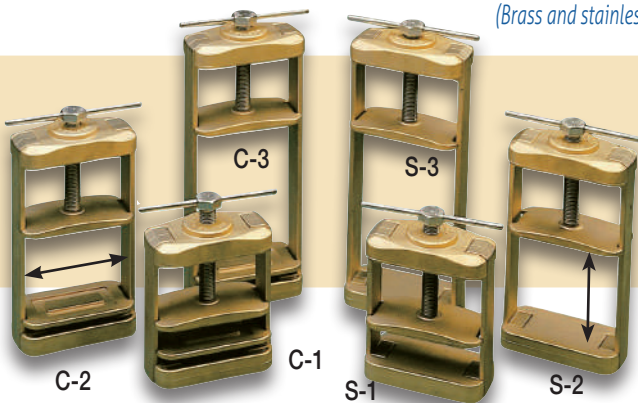
Clamp for flasks

S-1 Ref. 030090 110 x 25-95 mm
S-2 Ref. 030100 110 x 90-165 mm
S-3 Ref. 030110 110 x 140-235 mm

Spring clamp for flasks

C-1 Ref. 030120 110 x 25-75 mm
C-2 Ref. 030130 110 x 90-145 mm
C-3 Ref. 030140 110 x 140-215 mm

(Brass and stainless steel)



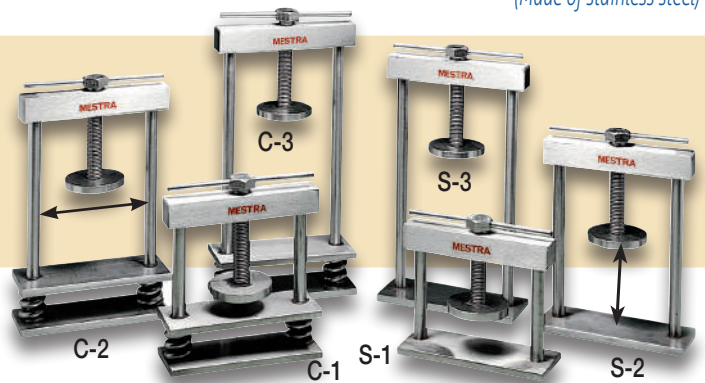
Clamps for flasks

S-1 Ref. 030150 110 x 45-75 mm
S-2 Ref. 030160 110 x 90-145 mm
S-3 Ref. 030170 110 x 140-200 mm

Spring clamp for flasks

C-1 Ref. 030180 110 x 30-75 mm
C-2 Ref. 030190 110 x 90-145 mm
C-3 Ref. 030200 110 x 140-200 mm

(Made of stainless steel)

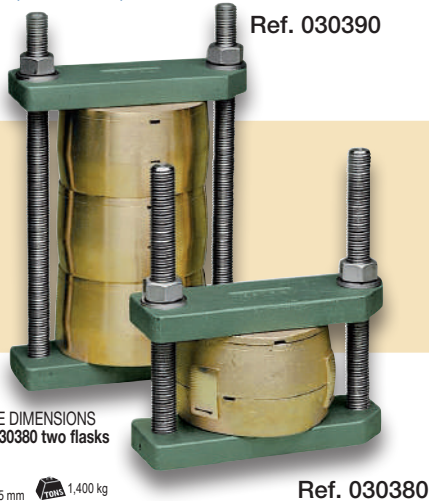


Clamp for press (aluminium)

Ref. 030380 two flasks
Ref. 030390 three flasks

0-215 mm INSIDE DIMENSIONS
Ref. 030390 three flasks
115 mm 1,500 kg

0-145 mm INSIDE DIMENSIONS
Ref. 030380 two flasks
115 mm 1,400 kg



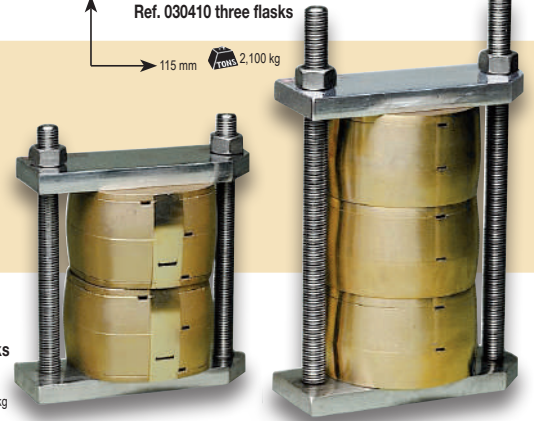
Clamp for press (stainless steel)

Ref. 030400 two flasks
Ref. 030410 three flasks

Inox

0-215 mm INSIDE DIMENSIONS
Ref. 030410 three flasks
115 mm 2,100 kg

0-145 mm INSIDE DIMENSIONS
Ref. 030400 two flasks
115 mm 1,900 kg



Clamp for bridges (brass and stainless steel)

Ref. 030210



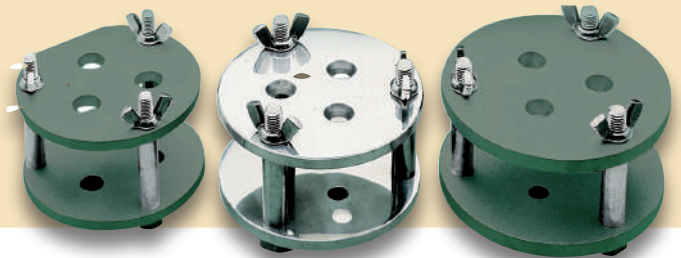
17-40 mm INSIDE DIMENSIONS
96 mm 1,300 kg

Clamp for rebasing (aluminium and stainless steel)

Ref. 030220 = AP

Ref. 030230 = I

Ref. 030240 = AG



82 mm Ref. 030220 = AP
99 mm 0,600 kg

87 mm Ref. 030230 = I
110 mm 1,381 kg

87 mm Ref. 030240 = AG
121 mm 0,815 kg

Verticulator Handy Basic Ref. 130100

This configuration, which we could call minimal or basic, is recommended for those users who wish to start with the system. With this combination it is possible to perform most of the works.

Powerful tool that fits with a multitude of dental prosthesis works, to elaborate or design: implant supported, hybrids, fixed and removable prostheses, full of composites or ceramics, relines, repairs, temporary prosthesis, etc.

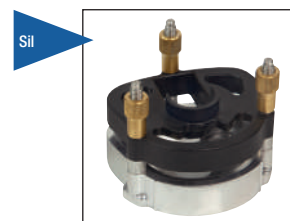
NEW



Ref. 130102



Ref. 130104



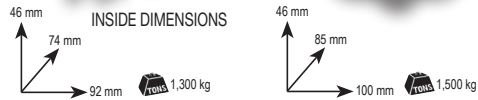
Ref. 130106



Ref. 130108

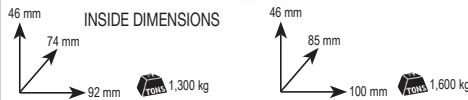
Flask with screws

Ref. 020010 (medium) Ref. 020020 (large)



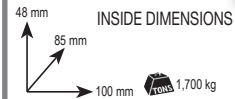
Screwless flask (for clamp)

Ref. 020040 (medium) Ref. 020050 (large)



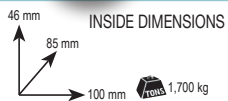
Flask with screws (with ejector)

Ref. 020060



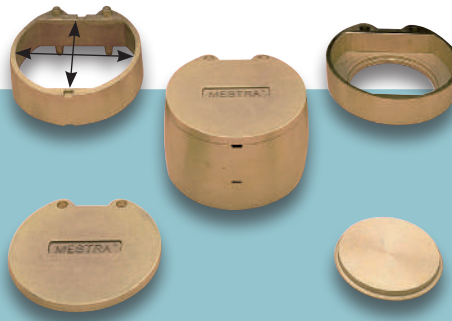
Screwless flask (with ejector)

Ref. 020070



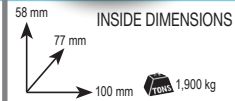
Round flask

Ref. 020080



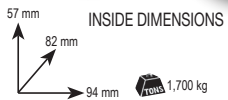
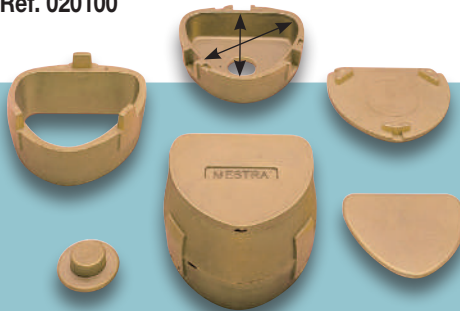
Square flask

Ref. 020090



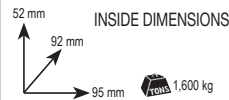
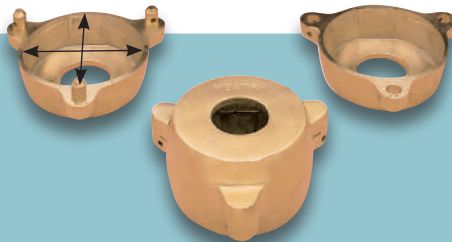
Triangular flask

Ref. 020100



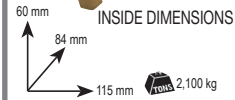
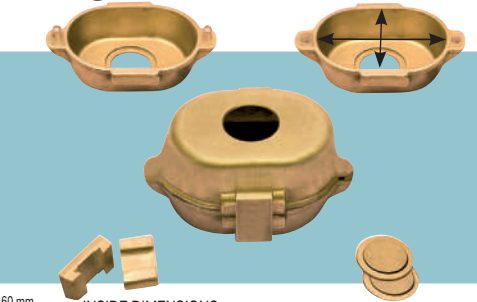
Flask with three pins

(for clamp) Ref. 020130



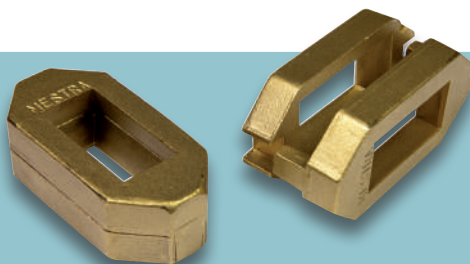
Flask with two pins and wedges

Ref. 020135



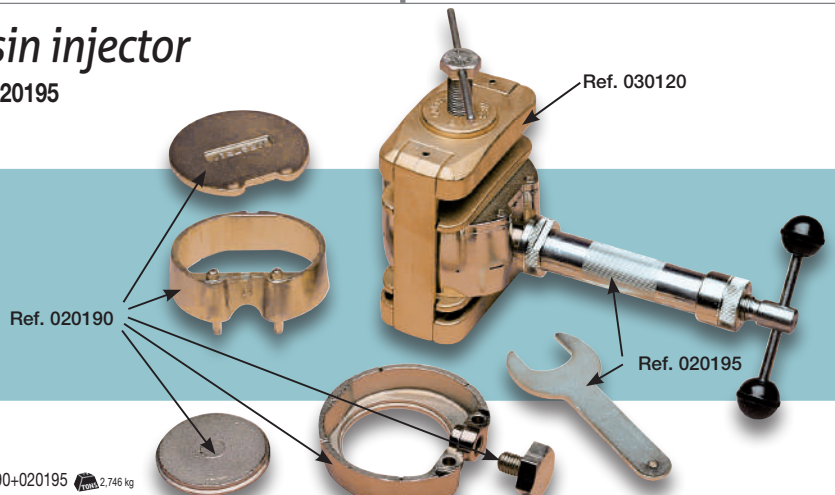
Flask for bridges

Ref. 020140



Resin injector

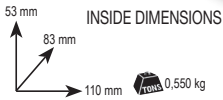
Ref. 020195



Ref. 020190+020195 2,746 kg

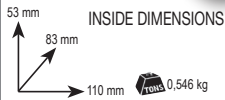
Flask (large)

Ref. 020150 MATERIAL: ALUMINIUM



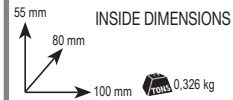
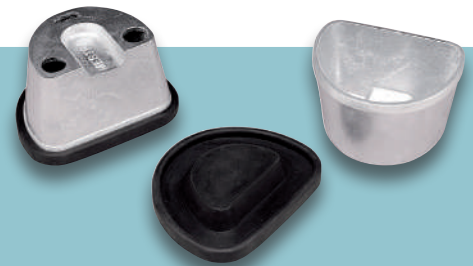
Flask (large)

Ref. 020151 MATERIAL: ALUMINIUM AND RUBBER



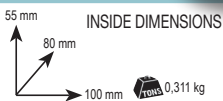
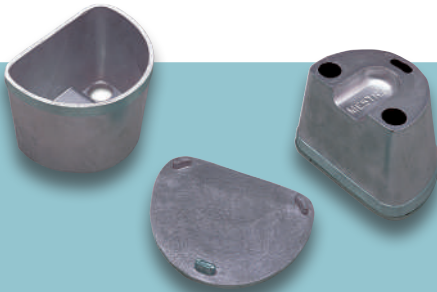
Flask (small)

Ref. 020160 MATERIAL: ALUMINIUM AND RUBBER



Flask (small)

Ref. 020170 MATERIAL: ALUMINIUM



Flask (small)

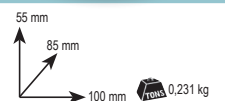
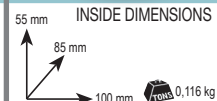
Ref. 020171 MATERIAL: ALUMINIUM AND RUBBER



Flask

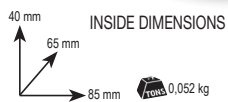
Ref. 020180 MATERIAL: POLYCARBONATE

Ref. 020185 MATERIALS:
POLYCARBONATE AND RUBBER



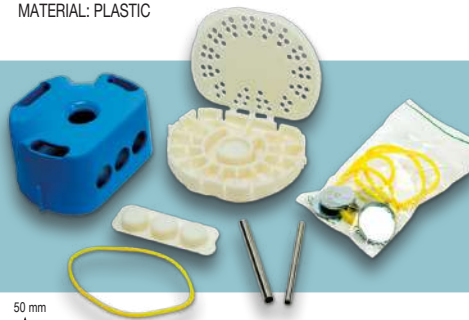
Flask duplicating (for silicone)

Ref. 020186 MATERIAL: POLYCARBONATE



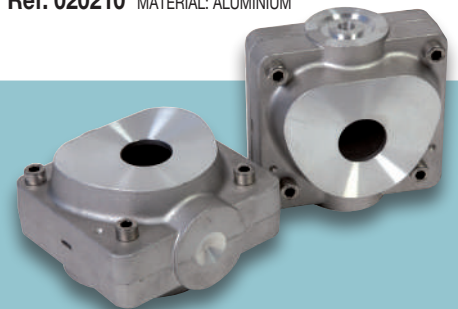
Pouring for flask

Ref. 020202 (Resistant to high temperature)
MATERIAL: PLASTIC



Flask (for injecting polyamides)

Ref. 020210 MATERIAL: ALUMINIUM



Flask for micro-wave oven

Ref. 020208 MATERIAL: PLASTIC



Flask for duplicating (with alginate)

Ref. 020205 and Ref. 020206
MATERIAL: METAL - RUBBER



Ref. 020206-01

Ref. 020205



Miscellaneous

PLASTER CUTTING TONGS
1 Ref. 060300 0,186 kg
 (L) 190 mm

SMALL PLASTER KNIVES
2 Ref. 060310 0,028 kg
 (L) 180 mm

WAX KNIVES
3 Ref. 060320 0,012 kg
 (L) 130 mm

STAINLESS STEEL WAX KNIVES
4 Ref. 060330 0,013 kg
 (L) 130 mm

SOLDERING TWEEZERS (CURVED)
5 Ref. 060340 0,036 kg
 (L) 160 mm

SOLDERING TWEEZERS (STRAIGHT)
6 Ref. 060360 0,035 kg
 (L) 165 mm

TWEEZERS FOR CERAMIC OVEN
7 Ref. 060370 0,076 kg
 (L) 250 mm

CRUCIBLE TONGS
8 Ref. 060380 0,112 kg
 (L) 300 mm

METAL HAMMER
9 Ref. 050265 0,028 kg
 (L) 162 mm

DIAMOND DRESSER
10 Ref. 100208 0,035 kg
 (L) 100 mm



Stainless steel spatulas and knives



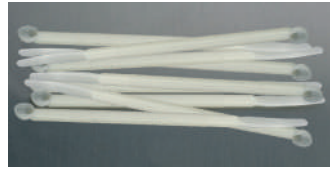
| | | Total length | Blade | |
|----------------|-------------------------|--------------|--------|----------|
| 1. Ref. 060000 | Alginate spatula | 230 mm | 110 mm | 0,075 kg |
| 2. Ref. 060010 | Plaster spatula | 210 mm | 103 mm | 0,047 kg |
| 3. Ref. 060020 | Flexible spatula | 200 mm | 100 mm | 0,025 kg |
| 4. Ref. 060030 | Knife with flask opener | 175 mm | 65 mm | 0,068 kg |

| | | | E | C | |
|-----------------|---------------------------------|--------|----|----|----------|
| 5. Ref. 060040 | Wax spatula (small) | 135 mm | 35 | 40 | 0,025 kg |
| 6. Ref. 060050 | Wax spatula (large) | 180 mm | 45 | 50 | 0,033 kg |
| 7. Ref. 060060 | Wax spatula (small) with cavity | 135 mm | 35 | 40 | 0,027 kg |
| 8. Ref. 060070 | Wax spatula (large) with cavity | 180 mm | 45 | 50 | 0,036 kg |
| 9. Ref. 060077 | Cutter | 135 mm | C | 17 | 0,018 kg |
| 10. Ref. 060078 | Cutter spare part | 30 mm | | | |

Spatulas and knives

Ref. 060076

(3) Supplied in 12 unit bags



Ref.060002

(2) Supplied in 12 unit bags, in three colours



Special for mixing without residue. Shapes and sizes may vary

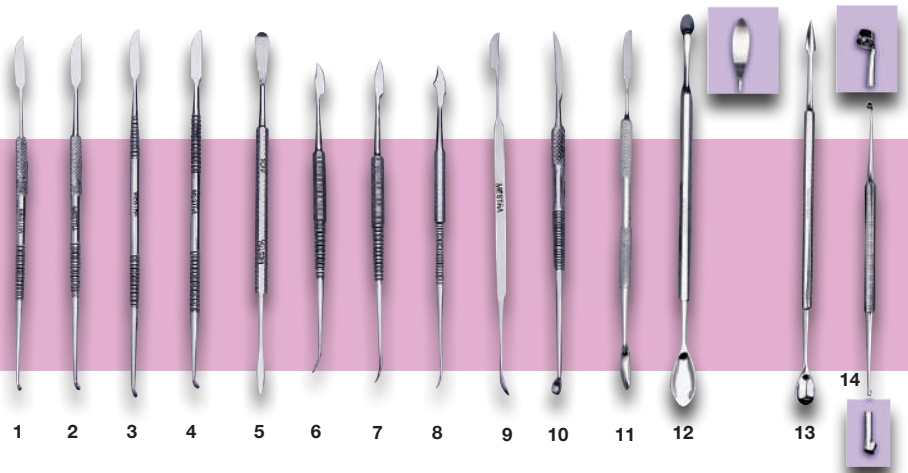


| | | Total length | Blade | |
|----------------|---|--------------|-------------|----------|
| 1. Ref. 060001 | Alginate spatula. Stainless steel (white handle) | 205 mm | 110 mm | 0,061 kg |
| 2. Ref. 060002 | PlasteRef. alginate spatula (Plastic) 12 units | 208 mm | 90 mm | 0,024 kg |
| 3. Ref. 060076 | Wax spatula with cavity (small; plastic) 12 units | 170 mm | E-C 40-10 Ø | 0,006 kg |
| 4. Ref. 060003 | Alginate spatula. Stainless steel (white handle) | 190 mm | 90 mm | 0,037 kg |

| | | | E | C | |
|-----------------|---|-------------|----|----|------------------|
| 5. Ref. 060071 | Wax spatula (small; black handle) | 135 mm | 35 | 40 | 0,014 kg |
| 6. Ref. 060072 | Wax spatula (large; black handle) | 180 mm | 45 | 50 | 0,035 kg |
| 7. Ref. 060073 | Wax spatula with cavity (small; black handle) | 135 mm | 10 | 35 | 0,013 kg |
| 8. Ref. 060074 | Wax spatula with cavity (large; black handle) | 180 mm | 45 | 50 | 0,035 kg |
| 9. Ref. 060079 | Wax pouring spatula | 195 x 80 mm | | | 0,064 kg |
| 10. Ref. 060075 | Agate spatula | 155 mm | | | 0,015 Kg Approx. |

Wax and modelling carvers

- ↑ 180 mm ↓ 0,028 kg **1** Ref. 060270 LE CRON
- ↑ 190 mm ↓ 0,024 kg **2** Ref. 060272 LE CRON
- ↑ 185 mm ↓ 0,024 kg **3** Ref. 060274 LE CRON
- ↑ 180 mm ↓ 0,024 kg **4** Ref. 060276 LE CRON
- ↑ 160 mm ↓ 0,028 kg **5** Ref. 060278 BEALE
- ↑ 140 mm ↓ 0,020 kg **6** Ref. 060280 ZAHLE
- ↑ 140 mm ↓ 0,021 kg **7** Ref. 060282 ZAHLE
- ↑ 140 mm ↓ 0,020 kg **8** Ref. 060284 ZAHLE
- ↑ 150 mm ↓ 0,024 kg **9** Ref. 060286 HYKYN
- ↑ 140 mm ↓ 0,022 kg **10** Ref. 060288 HYKYN CERAMICA
- ↑ 160 mm ↓ 0,024 kg **11** Ref. 060290
- ↑ 180 mm ↓ 0,034 kg **12** Ref. 060292
- ↑ 180 mm ↓ 0,032 kg **13** Ref. 060293
- ↑ 130 mm ↓ 0,015 kg **14** Ref. 060294



Cement spatulas

- ↑ 178 mm ↓ 0,019 kg **00** Ref. 060240
- ↑ 175 mm ↓ 0,020 kg **0** Ref. 060242
- ↑ 175 mm ↓ 0,020 kg **1** Ref. 060244
- ↑ 178 mm ↓ 0,021 kg **2** Ref. 060246
- ↑ 175 mm ↓ 0,021 kg **3** Ref. 060248
- ↑ 195 mm ↓ 0,022 kg **4** Ref. 060250

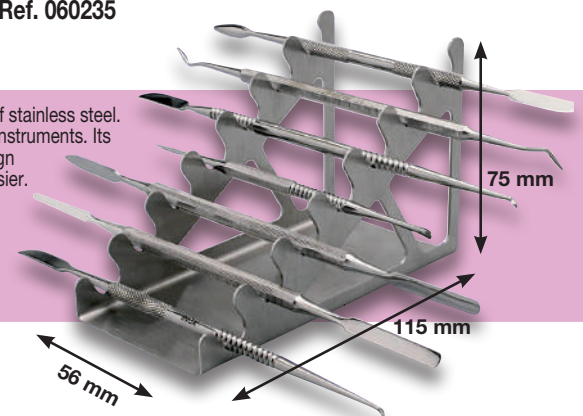


Stainless steel holder

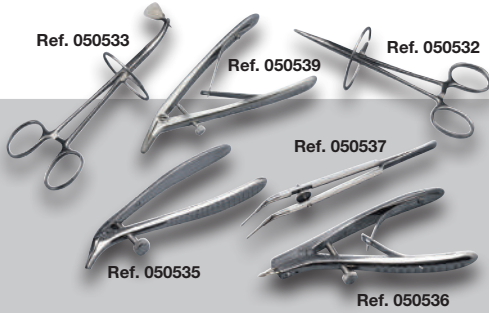
for instruments **Ref. 060235**

Completely made of stainless steel. It can hold up to 7 instruments. Its staiRef. shape design makes selection easier.

Sold without instruments.

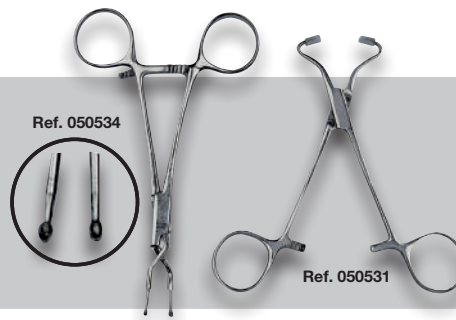


Pliers



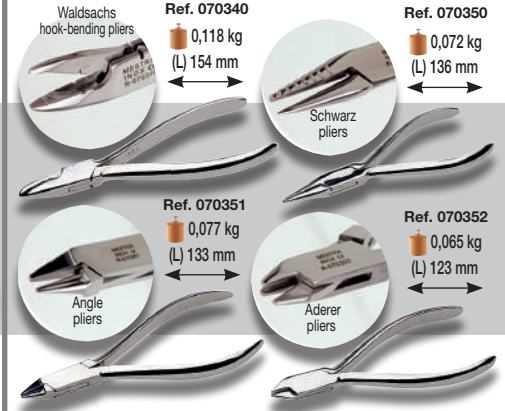
| | | | | | |
|-------------|-------------|-------------|-------------|-------------|-------------|
| Ref. 050532 | Ref. 050533 | Ref. 050535 | Ref. 050536 | Ref. 050537 | Ref. 050539 |
| 0,021 kg | 0,024 kg | 0,069 kg | 0,069 kg | 0,033 kg | 0,130 kg |
| 125 mm | 128 mm | 115 mm | 125 mm | 147 mm | 150 mm |

Pliers



| | | |
|-------------|---------------------------|----------|
| Ref. 050534 | (L) 148 x (W) 68 (H) 5 mm | 0,030 kg |
| Ref. 050531 | (L) 130 x (W) 70 (H) 5 mm | 0,027 kg |

Bending pliers

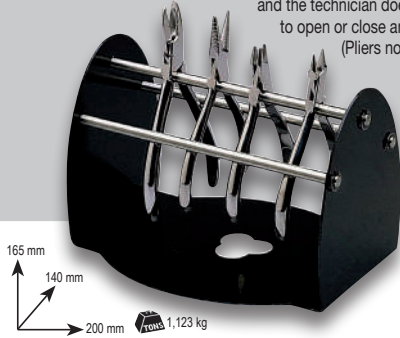


| | | | |
|-------------|---------------------|-------------|---------------------|
| Ref. 070340 | 0,118 kg (L) 154 mm | Ref. 070350 | 0,072 kg (L) 136 mm |
| Ref. 070351 | 0,077 kg (L) 133 mm | Ref. 070352 | 0,065 kg (L) 123 mm |

Plier holding support

Ref. 050364

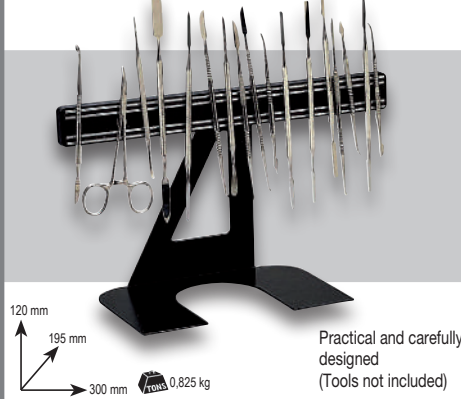
A simple and practical tabletop component which helps to keep the work area tidy. When the pliers are kept in the support, they are always in view, and the technician does not have to open or close any drawers. (Pliers not included).



| | | | |
|--------|--------|--------|----------|
| 165 mm | 140 mm | 200 mm | 1,123 kg |
|--------|--------|--------|----------|

Magnetic support

(instrument holder) Ref. 050360



| | | | |
|--------|--------|--------|----------|
| 120 mm | 195 mm | 300 mm | 0,825 kg |
|--------|--------|--------|----------|

Practical and carefully designed (Tools not included)

Magnetic bar (instrument holder)

Ref. 050362



| | | | |
|-------|-------|--------|----------|
| 33 mm | 12 mm | 300 mm | 0,281 kg |
|-------|-------|--------|----------|

Easy to fit and may be secured by bolts to almost any surface (Spatulas not included).

Drill cleaning tongs

Ref. 070520



Ideal for immersion of drills and other small items in disinfectant baths, ultrasonic equipment and autoclaves. Made of stainless steel.

| | | |
|------------------------------|----------|--|
| DIMENSIONS | | |
| (L) 156 x (W) 45 x (H) 40 mm | 0,021 kg | |

Germicide box for burs

Ref. 070530 (stainless steel)



| | | |
|------------------|----------|--|
| DIMENSIONS | | |
| Ø 70 x (H) 35 mm | 0,119 kg | |

Germicide box for burs

Ref. 070531



| | | |
|------------------|----------|--|
| DIMENSIONS | | |
| Ø 90 x (H) 80 mm | 0,122 kg | |

Magnetic bur holder

Ref. 070115

Very practical with an attractive design. Its small size means it can be placed anywhere. Supplied in a batch of three products. Colours: red, green and blue. Ø 62 mm



| | | |
|------------------------------|----------------|----------|
| DIMENSIONS | | |
| Ø 62 x (H) 49 mm (1 u.) | 0,182 kg | |
| (L) 200 x (W) 40 x (H) 60 mm | Packing (3 u.) | 0,583 kg |

Bur holder (plastic; sterilizable)

Ref. 070120 = FG
 Ref. 070125 = CA
 Ref. 070130 = FG+CA
 Ref. 070135 = Laboratory
 Only the base, made of temperature resistant plastic. Capacity for 36 pieces. Made for: FC, CA, FC+CA, laboratory.



| | | |
|-------------|-----------------------------|----------|
| DIMENSIONS | | |
| Ref. 070120 | (L) 75 x (W) 60 x (H) 35 mm | 0,060 kg |
| Ref. 070125 | (L) 75 x (W) 60 x (H) 35 mm | 0,060 kg |
| Ref. 070130 | (L) 75 x (W) 60 x (H) 35 mm | 0,060 kg |
| Ref. 070135 | (L) 75 x (W) 60 x (H) 55 mm | 0,072 kg |

Bur holder (plastic) Ref. 070142

Ref. 070142
 DIMENSIONS
 Ø 90 x (H) 66 mm 0,065 kg
 (L) 91 x (W) 91 x (H) 71 mm 0,088 kg



Bur holder (Clinic) Ref. 070150

Ref. 070150
 Burs held by means of a magnet. Made of (ferritic) stainless steel with plastic casing.

| | | |
|------------------------------|----------|--|
| DIMENSIONS | | |
| (L) 115 x (W) 45 x (H) 45 mm | 0,180 kg | |

Dosing instrument *(ceramic materials)*



Ref. 050525

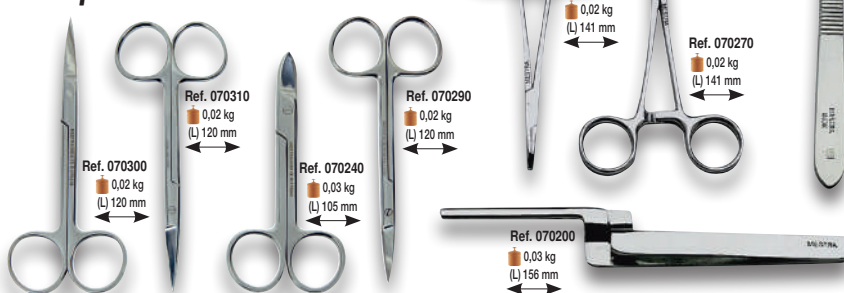


Ref. 050526



| | | | |
|-------------|---------|----------------|---------|
| Ref. 050525 | (L) 157 | ∅ 3 - ∅ 1,5 mm | 0,03 kg |
| Ref. 050526 | (L) 163 | ∅ 7 - ∅ 4 mm | 0,04 kg |

Scissor, Pliers and scalpel handle *For lab use only*



Ref. 070300
0,02 kg
(L) 120 mm

Ref. 070310
0,02 kg
(L) 120 mm

Ref. 070240
0,03 kg
(L) 105 mm

Ref. 070290
0,02 kg
(L) 120 mm

Ref. 070260
0,02 kg
(L) 141 mm

Ref. 070270
0,02 kg
(L) 141 mm

Ref. 070210
0,02 kg
(L) 125 mm

Ref. 070200
0,03 kg
(L) 156 mm

Plaster mixing bowl *Made of rubber*



| SIZE | Diameter | Height | Capacity | Weight |
|----------------------------|----------|--------|-----------------------|----------|
| 1. Ref. 060080 Small | 93 mm | 54 mm | 175 cm ³ | 0,070 kg |
| 2. Ref. 060090 Medium | 120 mm | 66 mm | 400 cm ³ | 0,110 kg |
| 3. Ref. 060100 Large | 125 mm | 90 mm | 650 cm ³ | 0,136 kg |
| 4. Ref. 060110 Extra large | 155 mm | 148 mm | 1.750 cm ³ | 0,324 kg |

Plaster mixing bowl *Made of flexible plastic*



| SIZE | Diameter | Height | Capacity | Weight |
|----------------------------|----------|--------|-----------------------|----------|
| 1. Ref. 060111 Small | 110 mm | 78 mm | 400 cm ³ | 0,100 kg |
| 2. Ref. 060112 Medium | 125 mm | 83 mm | 550 cm ³ | 0,142 kg |
| 3. Ref. 060113 Large | 145 mm | 110 mm | 850 cm ³ | 0,165 kg |
| 4. Ref. 060114 Extra large | 155 mm | 150 mm | 1.900 cm ³ | 0,340 kg |

Alginate mixing bowl Ref. 060120



| Diameter | Height | Capacity | Weight |
|----------|--------|---------------------|----------|
| 110 mm | 78 mm | 400 cm ³ | 0,100 kg |

Silicon bowls *(transparent)*



| SIZE | Diameter | Height | Capacity | Weight |
|-----------------|----------|--------|--------------------|----------|
| Small | 28 mm | 27 mm | 8 cm ³ | 0,006 kg |
| Medium | 34 mm | 32 mm | 13 cm ³ | 0,009 kg |
| Large | 48 mm | 47 mm | 40 cm ³ | 0,024 kg |
| Large Cap | 48 mm | 60 mm | 40 cm ³ | 0,029 kg |
| Extra large | 65 mm | 55 mm | 85 cm ³ | 0,044 kg |
| Extra large Cap | 70 mm | 62 mm | 85 cm ³ | 0,057 kg |

Mixer *(With tube for vacuum machine)*



Ref. 060220 *(small)* Ref. 060230 *(large)*

| | Diameter | Height | Capacity | Weight |
|-------------------|----------|--------|---------------------|----------|
| Ref. 060220 Small | 120 mm | 200 mm | 275 cm ³ | 0,807 kg |
| Ref. 060230 Large | 151 mm | 220 mm | 750 cm ³ | 1,153 kg |

Vacuum micro-pump Ref. 080001



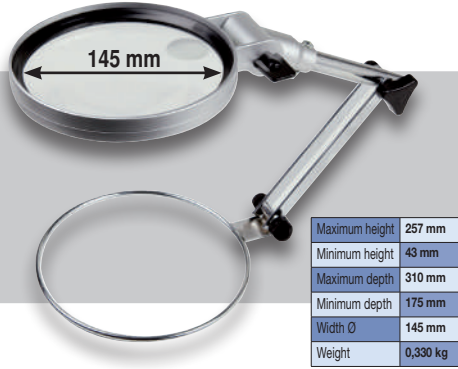
Mixers sold separately

This is an economical option which can be used with the MESTRA Ref. 060220 and Ref. 060230 mixers. It is ideal for mixing plaster, coating, etc. Small and noiseless. VOLTAGE: 230 V/50-60 Hz; CONSUMPTION: 0,72 Amp.; VACUUM: 550-600 mm/hg

| | |
|--------|--------|
| Height | 100 mm |
| Width | 120 mm |
| Depth | 150 mm |
| Weight | 1,8 kg |

Magnifying glass with base

Ref. 100098

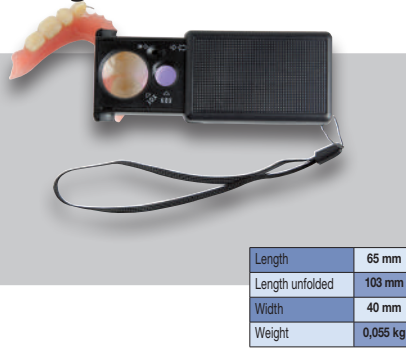


| | |
|----------------|----------|
| Maximum height | 257 mm |
| Minimum height | 43 mm |
| Maximum depth | 310 mm |
| Minimum depth | 175 mm |
| Width Ø | 145 mm |
| Weight | 0,330 kg |

R - 100098 (L) 315 x (W) 154 x (H) 45 mm 0,427 kg

Hand magnifying glass with light

Ref. 100099

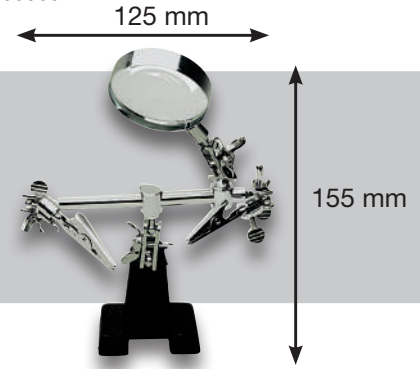


| | |
|-----------------|----------|
| Length | 65 mm |
| Length unfolded | 103 mm |
| Width | 40 mm |
| Weight | 0,055 kg |

Ref. 100099 (L) 70 x (W) 50 x (H) 30 mm 0,060 kg

Holding clamps

Ref. 050554



Ref. 050554 (L) 120 x (W) 75 x (H) 68 mm 0,424 kg

Safety glasses



Ref. 100011-12-13 (L) 160 x (W) 54 x (H) 56 mm 0,050 kg

Ref. 100014 (L) 180 x (W) 90 x (H) 65 mm 0,070 kg

Face protection (10 units)

Ref. 100021



Ref. 100021 (L) 285 x (W) 185 x (H) 35 mm 0,233 kg

Face protection (10 units)

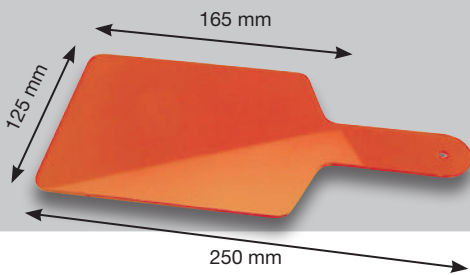
Ref. 100022



Ref. 100022 (L) 308 x (W) 215 x (H) 35 mm 0,284 kg

UV-ray safety screen

Ref. 070515



Ref. 070515 (L) 255 x (W) 125 x (H) 4 mm 0,086 kg

Magnifying glasses



Adjustable system that adapts to the head and keeps the hands free to work. It has Ultra clear lens of minimal light absorption. It can be worn over glasses. There are three different models available:

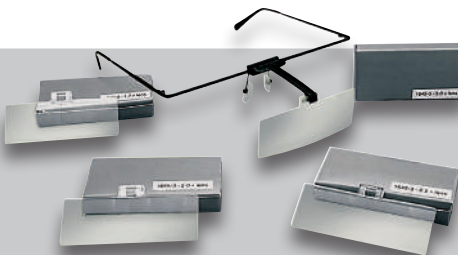
Ref. 100079 (L) 285 x (W) 225 x (H) 89 mm 0,545 kg

Ref. 100080 (L) 205 x (W) 185 x (H) 70 mm 0,245 kg

Ref. 100090 (L) 175 x (W) 175 x (H) 70 mm 0,195 kg

Hand magnifying glass with light

Ref. 100092



Supplied with 4 set of lenses: 1.5x, 2.0x, 2.5x and 3.5x magnification

Ref. 100092 (L) 190 x (W) 100 x (H) 40 mm 0,180 kg

Binocular magnifying glass

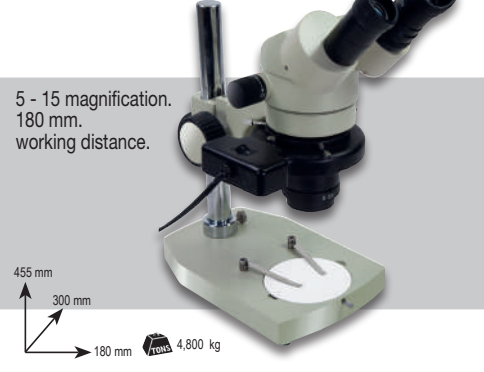
Ref. 100096



R - 100096 (L) 215 x (W) 145 x (H) 75 mm 0,328 kg

Microscope with base

Ref. 100097



R - 100097 (L) 350 x (W) 275 x (H) 370 mm 5,000 kg

Dial crown thickness calliper

Ref. 100110 Essential for laboratory and dental clinic works. Zero adjustment button, out bus so measurements can be recorded in a computer and inch reading option. It is supplied with case and two batteries, one already put and a spare one

Ref. 100100 Precision tool for crown thickness measuring. Broad dial that can be read easily. Resolution in hundredths of mm. It is supplied in a practical case.

| | | |
|-------------|-------------------------------|---------|
| Ref. 100100 | (L) 131 x (W) 75 x (H) 20 mm | 0,09 kg |
| Ref. 100105 | (L) 180 x (W) 105 x (H) 35 mm | 0,25 kg |
| Ref. 100110 | (L) 265 x (W) 105 x (H) 60 mm | 0,35 kg |

Ref. 100105

Fast and accurate. Direct reading with a resolution of 0.01 mm. Zero adjustment button and inch reading option. It is supplied with case and two batteries, one already put and a spare one

Calliper for crowns

For lab use only

Ref. 060390 0,026 kg (L) 110 mm

Ref. 060400 0,026 kg (L) 110 mm

Wax calliper

Dose measuring spoon Ref. 100270

238 mm

57 mm

70 mm

100 mm

0,04 kg

PROVEN: save 20-40% on plaster

Precision scale

Ref. 100040 0.05 g resolution in the weight rank of 0-1000 g, and 0.1 g in the rank of 1000-2000 g.

Ref. 100042 Precise resolution of 0.1 g and high weighing capacity (1000 g).

| | | |
|-------------|--------------------------------|----------|
| Ref. 100040 | (L) 150 x (W) 110 x (H) 36 mm | 0,286 kg |
| Ref. 100041 | (L) 248 x (W) 248 x (H) 100 mm | 0,774 kg |
| Ref. 100042 | (L) 300 x (W) 190 x (H) 55 mm | 0,446 kg |

Ref. 100041

0.1 g resolution, maximum load of 3000 g, and "piece counting" function, very useful to count small elements such as pins, etc.

Mixing tips

| Colour | R |
|------------------------------|----------------|
| Yellow (50 units.) | Ref. 100172 |
| Yellow Points (50 units.) | Ref. 100176 |
| Green (50 units.) | Ref. 100170 |
| Light blue long (50 units.) | Ref. 100178 |
| Light blue short (50 units.) | Ref. 100180 |
| Pink (50 units.) | Ref. 100184 |
| Brown (50 units.) | Ref. 100187 |
| Points 1,06 mm (50 units.) | Ref. 100187-01 |
| Points 2,00 mm (50 units.) | Ref. 100187-02 |
| Short Brown (50 units.) | Ref. 100185 |
| Long Brown (50 units.) | Ref. 100186 |

These mixing tips are compatible with the main injection systems in the market.

Supplied in bags of 50 pcs.

| | |
|-------------------------------|----------|
| (L) 160 x (W) 110 x (H) 45 mm | 0,120 kg |
|-------------------------------|----------|

Silicone pistol (reinforced)

Ref. 100166

| | | |
|-------------|-------------------------------|----------|
| Ref. 100166 | (L) 190 x (W) 120 x (H) 70 mm | 0,220 kg |
|-------------|-------------------------------|----------|

Cutter for jelly Ref. 050540

400 mm DIMENSIONS

70 mm

124 mm

0,180 kg

Molar carving tool Ref. 060296

23 mm DIMENSIONS

95 mm

120 mm

0,169 kg

Bow saw Ref. 050250

1 Ref. 050261

2 Ref. 050262

Saw blade

2 Ref. 050261 5 unit set (10 teeth/cm)

3 Ref. 050262 5 unit set (6 teeth/cm)

10

1 cm

6

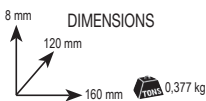
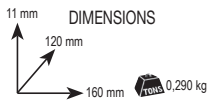
1 cm

Glass plates



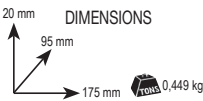
Ref. 050515 (grooved)

Ref. 050520 (smooth)



Ceramic palette

Ref. 050510



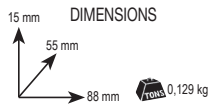
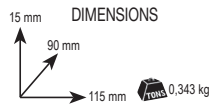
| | |
|--------------------|-------|
| Height with lid | 20 mm |
| Height without lid | 15 mm |

Porcelain trays



Ref. 050501

Ref. 050502

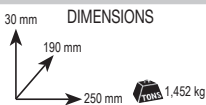
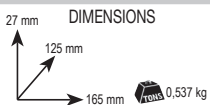


Porcelain trays

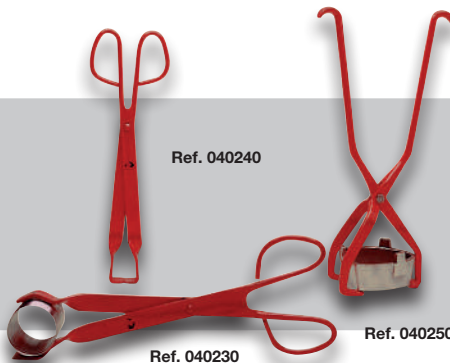


Ref. 050503

Ref. 050504



Pliers

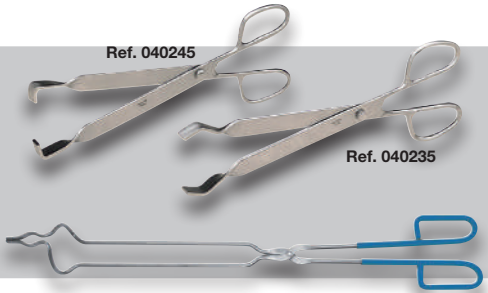


Ref. 040240

Ref. 040230

Ref. 040250

Pliers (stainless steel)

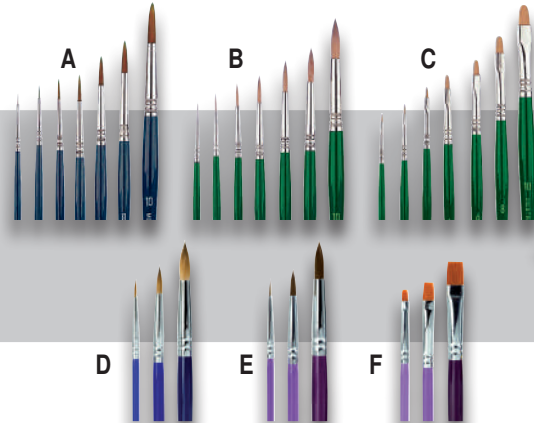


Ref. 040245

Ref. 040235

Ref. 040237

Paintbrushes



There are three high quality brushes available: Marta Kolinsky hair, round-tipped; Toray Oro fibre, round-tipped; and the flat-tipped Toray Oro fibre brush. Quality enamelled-wood handle with a nickel brass collar.

Same models with plastic handle: reference P

| | A | B | C | D | E | F |
|----|----------------------------|------------------------------------|------------------------|--------------------------------|--------------------------|----------------------------------|
| N° | Marta Kolinsky Blue handle | Marta Kolinsky Plastic Blue handle | Toray Oro Green handle | Toray Oro Plastic Green handle | flat-tipped Green handle | flat-tipped Plastic Green handle |
| 0 | 050380 | 050380P | 050400 | 050400P | 050420 | 050420P |
| 1 | 050381 | 050381P | 050401 | 050401P | 050421 | 050421P |
| 2 | 050382 | 050382P | 050402 | 050402P | 050422 | 050422P |
| 4 | 050384 | 050384P | 050404 | 050404P | 050424 | 050424P |
| 6 | 050386 | 050386P | 050406 | 050406P | 050426 | 050426P |
| 8 | 050388 | 050388P | 050408 | 050408P | 050428 | 050428P |
| 10 | 050390 | 050390P | 050410 | 050410P | 050430 | 050430P |

Plastic handle paintbrushes

Cleaning n. 1 and 2 Oval Wax n. 0 and n°4

Ref. 050431P

Ref. 050434P



25x19 y 16x14 mm



Ø 5x9 y 12x15 mm

Set of paintbrushes

Ref. 050432 (21 units)

A complete selection of paintbrushes including round-tipped Marta Kolinsky ones, round-tipped Toray Oro ones, made in synthetic fibres, and also flat-tipped Toray Oro ones. Numbers 0, 1, 2, 4, 6, 8 and 10 are included of each type, so there are 21 paintbrushes altogether. All paintbrushes have a "rattle affect". This set is supplied in a practical imitation-leather case.



(L) 255 x (W) 124 x (H) 45 mm 0,233 kg

Set of paintbrushes Ref. 050490 (6 pieces)

A selection of six high quality paintbrushes made in Marta Kolinsky hair. Each paintbrush has a cap that protects it against dirt and damp. This set includes the paintbrushes that are most used in Dental Labs (Round Plane N° 0, 2, 4, 6; Planes N° 2 and 4). This set is supplied in a practical case.



(L) 118 x (W) 72 x (H) 15 mm 0,086 kg

Tool set (for orthodontics) Ref. 060403



DIMENSIONS

Ref. 060403 (L) 190 x (W) 135 (H) 30 mm  0,648 kg

Very complete. Vinyl case.
It includes 19 tools.

- Straight scissors.
- Set of two pliers.
- Wire cutters.
- Curved mosquito tweezers.
- Crown measuring tool.
- Articulated tweezers for paper.
- Pen.
- Two knives for wax.
- Two carving tools.
- Two spatulas for cements.
- Lancet handle.
- Spatula with cavity.
- Four PK Thomas tools.

Tool set (for ceramic) Ref. 060402



DIMENSIONS

Ref. 060402 (L) 190 x (W) 135 (H) 30 mm  0,450 kg

Very complete. Vinyl case.
It includes 19 tools.

- Curved mosquito tweezers.
- Straight mosquito tweezers.
- Long tweezers.
- Condensation spatula.
- Dispensing tool.
- Set of three tools for ceramics.
- Carving tool for ceramics.
- Agate spatula.
- Pen.
- Cutter.
- Set of 6 Marta kolinsky paintbrushes with cap.

Set of instruments

Ref. 050500 (for ceramic)

Ref. 050500  (L) 190 x (W) 64 x (H) 24 mm  0,121 kg



Ref. 050500-01  Ref. 050500-02  Ref. 050500-03 

Spare tips

Tool kit for resin Ref. 130000

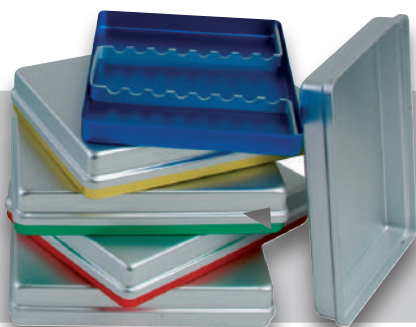



Instrument tray

Little

Ref. 070430 = Silver
Ref. 070431 = Gold
Ref. 070432 = Red
Ref. 070433 = Blue
Ref. 070434 = Green

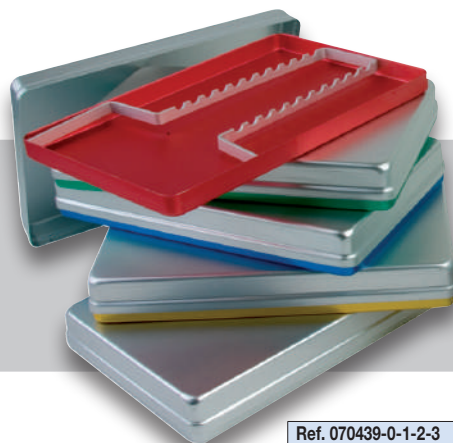
Made of anodized aluminium




Ref. 070430-1-2-3-4 (L) 185 x (W) 145 x (H) 40 mm  0,250 kg

Big

Ref. 070439 = Green
Ref. 070440 = Silver
Ref. 070441 = Gold
Ref. 070442 = Red
Ref. 070443 = Blue



Ref. 070439-0-1-2-3 (L) 290 x (W) 185 x (H) 40 mm  0,414 kg

Boxes for orthodontic plates

Made of plastic in different colours

- Ref. 070002 (100 u.) Blue
- Ref. 070006 (100 u.) Green
- Ref. 070007 (100 u.) Light green
- Ref. 070008 (100 u.) Orange



DIMENSIONS

| | |
|--|-------------------|
| Pack (100 u.) (L) 345 x (W) 305 x (H) 195 mm | 2,460 kg (100 u.) |
| Pack (25 u.) (L) 240 x (W) 160 x (H) 140 mm | 0,535 kg (25 u.) |

Orthodontic and denture boxes

Made of plastic; 25 units; assorted colours
Ref. 070600



Ref. 070605 Cord for boxes Supplied in 6 assorted colours (25 units). Length: 1 000 mm

DIMENSIONS REF. 070600

| | |
|---|------------------|
| Pack (25 u.) (L) 300 x (W) 180 x (H) 160 mm | 0,740 kg (25 u.) |
|---|------------------|

Boxes for orthodontic plates

Made of plastic. 25 units. Assorted colours

Ref. 070590

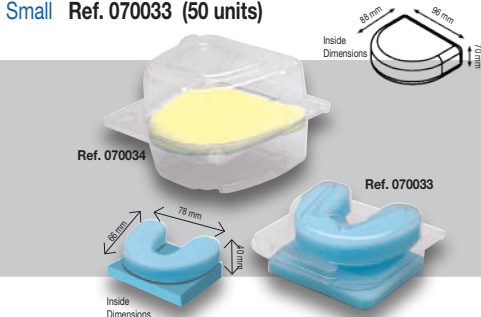


DIMENSIONS

| | |
|---|------------------|
| Pack (25 u.) (L) 240 x (W) 160 x (H) 140 mm | 0,540 kg (25 u.) |
|---|------------------|

Boxes for models

- Large Ref. 070034 (50 units)
- Small Ref. 070033 (50 units)



DIMENSIONS

| | | |
|-------------|---|----------|
| Ref. 070033 | Pack (50 u.) (L) 290 x (W) 225 x (H) 255 mm | 1,121 kg |
| Ref. 070034 | Pack (50 u.) (L) 290 x (W) 225 x (H) 255 mm | 0,930 kg |

Denture boxes Ref. 070622

Made of plastic 5 u. assorted



Denture boxes Ref. 070622

Made of plastic 5 u. assorted



Denture boxes Ref. 070618

Made of plastic 5 u. assorted



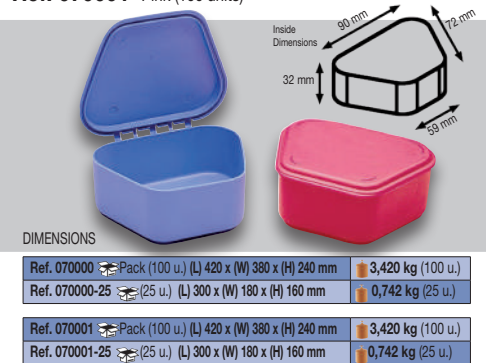
Denture boxes Ref. 070620

Made of plastic 5 u. Black



Denture boxes Plastic

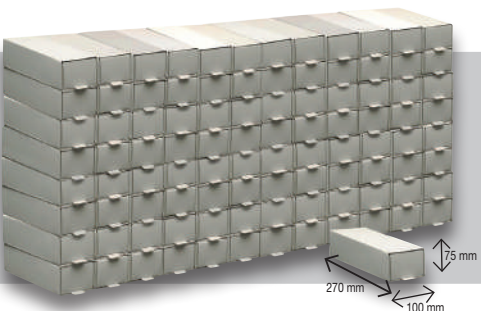
- Ref. 070000 Blue (100 units)
- Ref. 070001 Pink (100 units)



DIMENSIONS

| | | |
|----------------|--|-------------------|
| Ref. 070000 | Pack (100 u.) (L) 420 x (W) 380 x (H) 240 mm | 3,420 kg (100 u.) |
| Ref. 070000-25 | Pack (25 u.) (L) 300 x (W) 180 x (H) 160 mm | 0,742 kg (25 u.) |
| Ref. 070001 | Pack (100 u.) (L) 420 x (W) 380 x (H) 240 mm | 3,420 kg (100 u.) |
| Ref. 070001-25 | Pack (25 u.) (L) 300 x (W) 180 x (H) 160 mm | 0,742 kg (25 u.) |

Boxes for orthodontic models (100 units) Ref. 070570

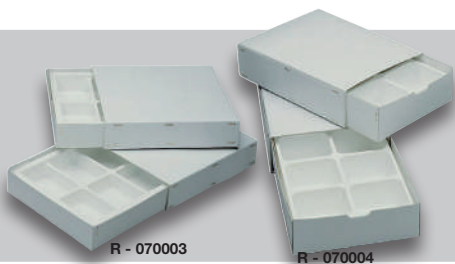


DIMENSIONS

| | |
|---|--------------------|
| Packing (100 u.) (L) 555 x (W) 390 x (H) 335 mm | 12,330 kg (100 u.) |
|---|--------------------|

Containers for models

- Ref. 070003 6 models placed horizontally
- Ref. 070004 12 models placed vertically



DIMENSIONS

| | | |
|------------------|-------------------------------|----------|
| Ref. 070003 Pack | (L) 230 x (W) 240 x (H) 58 mm | 0,345 kg |
| Ref. 070004 Pack | (L) 290 x (W) 220 x (H) 75 mm | 0,425 kg |

Transport and cleaning box Ref. 100265 Plastic



| | | |
|------------------------------------|------------------------------|----------|
| Ref. 100265 | (L) 115 x (W) 95 x (H) 46 mm | 0,118 kg |
| Pack (L) 120 x (W) 100 x (H) 50 mm | 0,143 kg | |

Boxes for model transport Ref. 110000

Autoforming box perfect when transporting models and small objects (orthodontic or prosthesis tools, etc.) from the laboratory to the dental clinic. **The main advantages of the system are the following:**

- The box includes everything: there is no need of protective material, scotch tape, seal, or any other packing element.
- The box is ready in just a few seconds. It is extremely easy to assemble.
- Approved for posting or forwarding.
- Goods are transported hung by means of an ingenious system that protects them from vibrations.
- Elasticity of cling film allows it to adapt to any shape.
- Immediate opening, no need of scissors, cutters or any other tool
- When the box is opened out, it takes up little space, so it can be stored anywhere (10 times less than any other similar packaging).
- This system can be used several times, so it is an environmentally friendly product. It also has a 30% recycled paper, so it fulfils German RESY Regulation environmental requirements.

- It is supplied in packs of 100 units.



100 u. (L) 530 x (W) 370 x (H) 185 mm 5,500 kg

Boxes for prosthesis

(with drain)(4 units) Ref. 100267 Plastic



| | | |
|-------------|-------------------------------|----------|
| Ref. 100267 | (L) 85 x (W) 76 x (H) 80 mm | 0,082 kg |
| 4 units | (L) 165 x (W) 165 x (H) 80 mm | 0,389 kg |

Brackets boxes

Ref. 100263 B (10 unit bags) Plastic

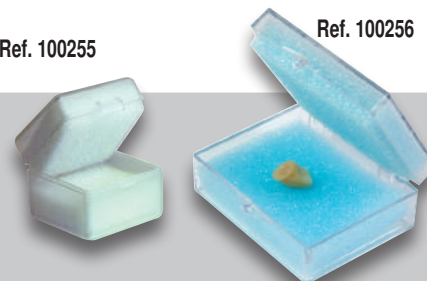


Ref. 100263 (10 u.) (L) 60 x (W) 100 x (H) 22 mm 0,045 kg u.

Transport boxes Plastic

Ref. 100255

Ref. 100256



| | | |
|-------------|-------------------------------|-----------------|
| Ref. 100255 | (L) 29 x (W) 29 x (H) 23 mm | 0,005 kg u. |
| 50 units | (L) 178 x (W) 150 x (H) 44 mm | 0,289 kg- 50 u. |

| | | |
|-------------|-------------------------------|-----------------|
| Ref. 100256 | (L) 56 x (W) 44 x (H) 23 mm | 0,011 kg u. |
| 25 units | (L) 280 x (W) 235 x (H) 23 mm | 0,318 kg- 25 u. |

Boxes with membrane

(10 unit bags) safety lock

| | | |
|-------------|--------------------------------|-------------|
| Ref. 100262 | (L) 55 x (W) 49 x (H) 25 mm | 0,023 kg u. |
| 10 u. | (L) 147 x (W) 56 x (H) 56 mm | 0,261 kg |
| Ref. 100263 | (L) 60 x (W) 100 x (H) 22 mm | 0,045 kg u. |
| 10 u. | (L) 125 x (W) 105 x (H) 135 mm | 0,475 kg |
| Ref. 100264 | (L) 100 x (W) 100 x (H) 45 mm | 0,081 kg u. |
| 10 u. | (L) 430 x (W) 110 x (H) 100 mm | 0,911 kg |

Specially designed for the transport and delivery of high quality elements. The inside is cushioned by a high flexibility membrane, which gives you the impression that the content inside is hanging in the air. Thanks to its transparency, the content can be seen from every angle and perspective.

Plastic

Boxes with membrane

(10 unit bags) without safety lock

| | | |
|-------------|-----------------------------|-------------|
| Ref. 100259 | (L) 23 x (W) 23 x (H) 25 mm | 0,026 kg u. |
| Ref. 100260 | (L) 50 x (W) 50 x (H) 25 mm | 0,023 kg u. |
| Ref. 100261 | (L) 75 x (W) 75 x (H) 40 mm | 0,045 kg u. |

Plastic



Ref. 100262

Ref. 100263

Ref. 100264

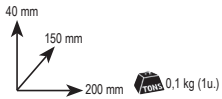
Ref. 100259

Ref. 100260

Ref. 100261

Model tray

Ref. 050350

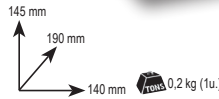
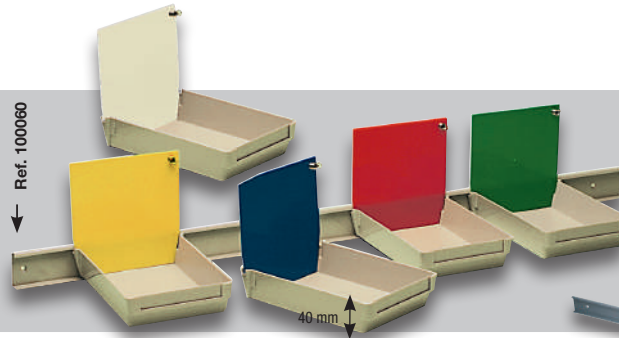


Made of high-quality, high-resistance plastic.

0,1 kg (1u.)

Model tray (10 units each colour)

Ref. 100060

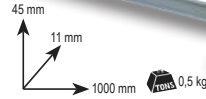


0,2 kg (1u.)

- Yellow Ref. 100050
- Blue Ref. 100052
- Red Ref. 100054
- Green Ref. 100056
- White Ref. 100058

Useful when organizing Dental Lab production. Labels can be put on the frontal part and there is a spring to hold specification sheets. These trays can be hung on the wall by a rail. (Ref. 100060) There are 5 colours available: yellow, blue, red, green and white. They are supplied in packs of 10 units each colour.

Rail
Ref. 100060

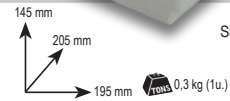
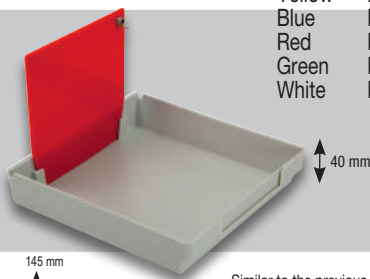


0,5 kg

Model tray large

(10 units each colour)

- Yellow Ref. 100062
- Blue Ref. 100064
- Red Ref. 100066
- Green Ref. 100068
- White Ref. 100069



Similar to the previous model, but larger

0,3 kg (1u.)

Model tray tabletop

(10 units each colour)

*Not compatible with Ref. 100048 trolley
*Not compatible with Ref. 100060 rail



Box of 10 units by color



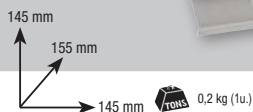
0,13 kg (1u.)

- 10 u. Ref. 100043 Yellow
- 10 u. Ref. 100044 Blue
- 10 u. Ref. 100045 Red

- 10 u. Ref. 100046 Purple
- 10 u. Ref. 100047 White

Model tray high

(10 units each colour)



0,2 kg (1u.)



Ref. 100060

- Amarillo Ref. 100071
- Azul Ref. 100072
- Rojo Ref. 100073
- Verde Ref. 100074
- Blanco Ref. 100075

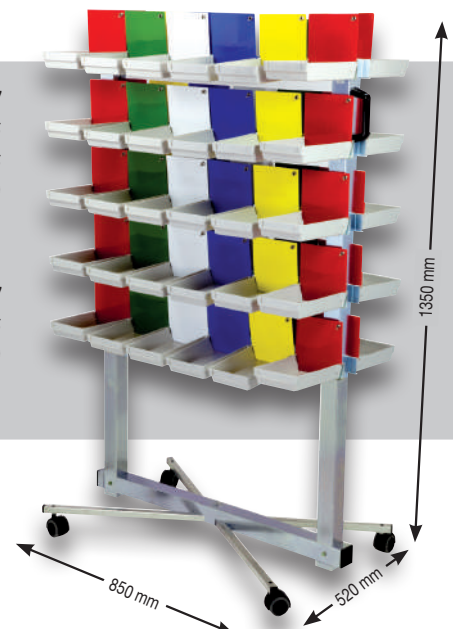
Tray trolley

Ref. 100048



Tray trolley
+ 30 small units
+ 20 large units
Ref. 100048-50

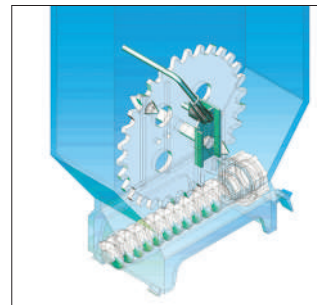
Tray trolley
+ 60 small units
Ref. 100048-60



(L) 1.320 x (W) 160 x (H) 110 mm 14 kg

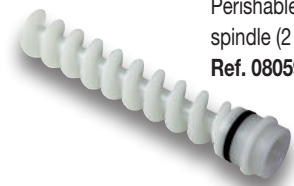
Water and plaster dispenser *Precision* Ref. 080592

Optimized version of the Boomerang dispenser, with a new quieter peristaltic pump, a more precise weighing algorithm and a backlit alphanumeric display that allows a more intuitive and simple operation. Just press a button, and you will obtain a dose ready to be mixed. Besides its speed and precision, another advantage of this product is the saving of materials: when you dispense by hand, the trend is to increase the dose. However, with the Boomerang dispenser you will always obtain the exact dose, and the subsequent saving. According to our experience and estimates, the saving would be between 25 and 40%, quite important amount that will enable you to pay off the machine in a very short time. The machine has an electronic control which allow to alternate different types of powder (type II, III and IV) by just replacing the tank, to programme cycles, to work with fixed proportions, and so on. They are factory supplied with a rubber bowl to mix the plaster and a plastic spatula. Apart from that, an extra plaster tank (to alternate different types of powder) and a bracket to fix it to the wall is also included.



In case of a failure or obstruction in the dosage spindle, you can dismount and mount it again in less than two minutes, and no training in mechanics or special tools are required. Your hands are enough.

In the worst case, the whole tank unit is an economical element and easily replaced by the user himself. What in other machines are expensive works (maintenance, failures...) become routine works in our machine.



Perishables:
spindle (2 units)
Ref. 080590-43



Plaster tank
Ref. 080590-03



Bracket
Ref. 080591-02

SPECIFICATIONS

| | |
|------------|----------------|
| Height | 700 mm |
| Width | 350 mm |
| Depth | 430 mm |
| Voltage | 230 V 50/60 Hz |
| Power | 70 W |
| Large tank | 5 l. |
| Small tank | 2 l. |
| Weight. | 7,5 kg |

PROVEN:
Save between 20%
and 40% on plaster.



Ref. 080516



Ref. 080517



Ref. 080518



Ref. 080517E

Iris II vacuum mixer Ref. 080516
Iris II Evolution Ref. 080517
Iris II Evolution Inverter Ref. 080517 E
Iris II Evolution Advanced Ref. 080518

Economical and useful vacuum mixer. Just place the bowl and press the operation key and the mixer will start up. In a few seconds the mixture will be ready.

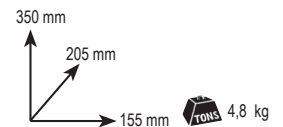
As there are four versions available, you will find the model that best suits your needs. Despite the differences in their control system, all the versions share the same motor-pump-chassis structure of well known solidity and reliability.

The IRIS vacuum mixer has been designed to be hanged on the wall. However, whenever it is no possible, there is an optional support available.

SPECIFICATIONS

| Model | Iris II | Iris II Evolution | Iris II Evolution Inverter | Iris II Evolution Advanced |
|-------------------|---------|-------------------|----------------------------|----------------------------|
| Time range | 0/120" | 0/300" | 0/300" | 0/300" |
| Rpm. and rotation | 240 ↺ | 100-400 ↺ | 100-400 ↻ | 100-400 ↻ |
| Power | 100 W | 100 W | 100 W | 100 W |

(L) 520 x (W) 300 x (H) 360 mm 7,000 kg



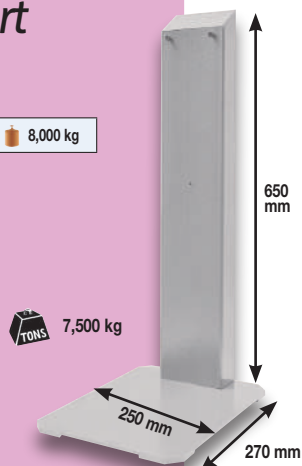
New optimized version of the well-known IRIS vacuum mixer. Among the improvements introduced we can point:

- Mixing spin inversion.
- Backlit alphanumeric display.
- New electronic controls for a more intuitive and simple programming.



Optional support
 Ref. 080519

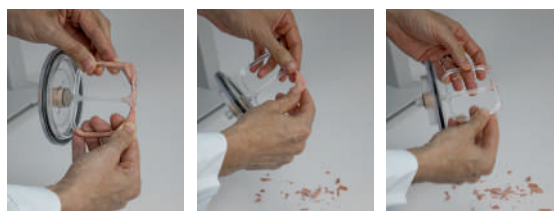
(L) 270 x (W) 260 x (H) 720 mm 8,000 kg



We have a wide range of bowls, from 250 cc to 1250 cc.



The standard bowl has 550 cc and it is completely made of transparent polycarbonate. This material is very flexible and practically unbreakable.



The blade is also made of polycarbonate, and it deserves a closer look:

- In case the mixture dries up, the flexibility of the blade allows you breaking the remains of plaster easily.
- Polycarbonate is a non-stick material, and thus the cleaning is very easy.
- The injected plastic allows building blades of more hydrodynamic shapes than the traditional metal plate. This makes the mixing easier.
- The unit is mechanically simpler, so the number of failures and the maintenance decrease.



(L) 500 x (W) 470 x (H) 490 mm 13,000 kg

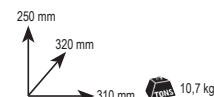
Koala vacuum mixer Ref. 080520

It is equipped with a powerful and solid stepdown motor with nylon gears (less noise and friction), and a two-body high vacuum pump. The Koala mixer makes mixing of coating, plaster, and other materials possible.

Thanks to its electronic control it is possible to easily introduce the operating time and also to choose cycles of only vacuum, or mixing + vacuum. With the programme switch cycles up to 3 steps can be defined.

These are very useful when working with certain techniques. This machine is supplied with all necessary elements in order to fix it to the wall and with two bowls of 250 cc and 550 cc.

There are also other accessories available like a fastening arm for bowls (for mixing without vacuum technique), and a base to turn the mixer into a tabletop model.



Ref. 080522



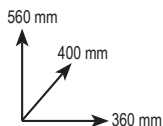
SPECIFICATIONS

| | |
|---------|------------------|
| Power | 250 W |
| Voltage | 230 V. 50/60 Hz. |
| Speed | 240 rpm |
| | Each 10" |

Tabletop base

(for vacuum mixer) Ref. 080521

This base turns the Koala Mixer into a tabletop model. It has holes at 3 different heights, so the Koala can be placed at the height that best suits the user.



9 kg

(L) 600 x (W) 420 x (H) 440 mm 10,000 kg

Bowls for vacuum mixers

Koala Vacuum Mixer has one of the largest range of bowls available in the market, with capacities of 250 cc.; 550 cc.; 750 cc.; 1.000 c.c.; 1.250 c.c.; and 230 cc. (specially designed for alginate mixing). All of them are made of resistant transparent polycarbonate. Ref. 080529 Stainless steel.



SPECIFICATIONS

| Bowl | Ref. | ∅ | ∅ | Weight |
|--------------------------------|---------------|-----|-----|----------|
| 1 250 cc | Ref. 080523 | 93 | 92 | 0,374 kg |
| 2 550 cc | Ref. 080524 | 113 | 112 | 0,354 kg |
| 3 550 cc Standar | Ref. 080524-P | 113 | 112 | 0,207 kg |
| 4 750 cc | Ref. 080525 | 127 | 129 | 0,732 kg |
| 5 1.000 cc | Ref. 080526 | 127 | 154 | 0,824 kg |
| 6 1.250 cc | Ref. 080527 | 127 | 175 | 0,909 kg |
| 7 230 cc. (Specially alginate) | Ref. 080528 | 93 | 92 | 0,400 kg |



Warning light

Ref. 080093



Ref. 080095

Mulhacén model trimmer - Sandpaper
Mulhacén model trimmer - Carbide
Mulhacén model trimmer - Diamant

Ref. 080093

Ref. 080094

Ref. 080095

Modern and versatile model trimmer. It features a powerful 1600 W motor with integrated brake, opening lid for easy access to the disc, operation warning light, discs with hook-and-loop type (Velcro®) fastener, sophisticated cleaning system, adjustable worktable... and an endless list of elements which make it – probably – the most complete model trimmer in the market. Unbeatable quality/price ratio.



- Easily removable cover (wide-opening hinge). Easy to clean and easy access to the disc.
- Made of very strong technical plastics.
- Corrosion free



Ref. 080096

Mulhacén model trimmer - Sandpaper DRY Ref. 080096

The main characteristic of the trimmer is that the surfacing operation is performed dry.
 -Stability of the material to be trimmed, since it is not wet.
 -Higher performance and longer life, minimal effort.
 OPTIONAL EXHAUSTER (ESSENTIAL).





Ref. 080539



Ref. 080538

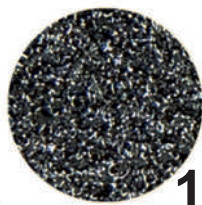
SPECIFICATIONS

| | |
|---------------|--------------------------------|
| Voltage | 230 V - 50-60 Hz |
| Rated power | 1600 W |
| Disc diameter | 250 mm |
| Speed | 3000 r.p.m. |
| Dimensions | (H) 340 x (W) 340 x (D) 420 mm |
| Weight | 10.5 kg |

| | |
|--|---|
|  (L) 400 x (W) 530 x (H) 440 mm |  13,500 kg |
|--|---|



- Hook-and-loop (velcro®) type abrasive disc. High cutting power and very easy to replace



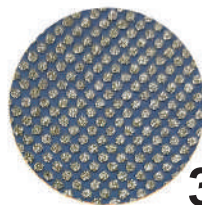
1



2

Abrasive disc

Diamond disc



3



4

CAUTION!

Diamond discs are very heat-sensitive: do not trim or rectify metal pieces or coatings.

Accessories

- 1 Ref. 080093-04 (5 u.) 80 grit abrasive disc (coarse)
- 2 Ref. 080093-05 (5 u.) 120 grit abrasive disc (fine)
- 3 Ref. 080093-55 (1 u.) Diamond disc
- 4 Ref. 080093-65 (1 u.) Silicon carbide disc Ø 250 mm

Serantes model trimmer



Sandpaper disc trimmer Ref. 080097

Diamant disc trimmer Ref. 080098

Sandpaper disc - DRY trimmer Ref. 080099

Ultra compact. It may be the trimmer currently on the dental market, with smaller dimensions. The concept of him derives directly of the **Mulhacén model (080093)**, with which it shares many of its performance and characteristics, except for dimensions. In this sense we can speak of a powerful 1600 W motor with integrated brake, lid with easy opening to access the disc, discs with easily changeable hook / loop type fixation, water cleaning system, high resistance composite manufacturing and of course no corrosion, etc.

Ideal for general dental applications and especially for those environments in which the user does not have much space, but who nevertheless does not want to give up the possibilities that a completely professional trimmer offers in terms of productivity and quality: the size of the table and window have been studied so that it can be used in jobs similar to those carried out on larger trimmer models.

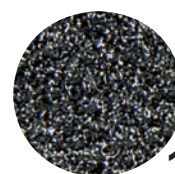
The Serantes trimmer is supplied in three different versions, all of them with a hook/loop disc fixing system:

- With a choice of conventional 80 or 120 grain abrasive disc. General purpose version ideal for any dental user.
- With diamond disc: Designed for demanding environments in those that speed and productivity are key aspects.
- Dry, without water circuit: Designed for environments where the water supply and drainage are difficult to install or for professionals who do not want to wet the models.

Serantes is fully compatible with the MESTRA range of decanters. Supplied with 2 sandpaper discs.

SPECIFICATIONS

| | |
|---------------|--------------------------------|
| Voltage | 230 V - 5060 Hz |
| Rated power | 1600 W |
| Disc diameter | 235 mm |
| Speed | 3000 r.p.m. |
| Dimensions | (L) 380 x (W) 285 x (H) 340 mm |
| Weight | 10 kg |



Ref. 080097



Ref. 080098



Ref. 080099



1 Ref. 080097-08 (5 u.) Sandpaper disc coarse grain - 80

2 Ref. 080097-09 (5 u.) Sandpaper disc fine grain - 120

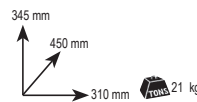
3 Ref. 080098-01 (1 u.) Diamant disc



Model trimmer (Classic)

The MESTRA model trimmer is a strong and robust machine, featuring the latest improvements and innovations required by a machine of these characteristics. Its robustness can be seen at a glance and its weight of more than 21 kg (maximum on machines of this type) added to the use of non slip rubber feet assures perfect stability during facing operations. It runs noiselessly as the special resin wheel is carefully balanced. The wheel is mounted on an aluminium plate, thus achieving a larger working area as it has no shaft or external nut hinder grinding operation in this area. The motor is provided with guards, giving a more compact and harmonious appearance, while ensuring safe operation, preventing any possible accident. The MESTRA trimmer is equipped with an electro-valve for electronic feed of water by pressing a switch.

This switch is protected with a PVC insulating cover to prevent any electric shock due to humidity. It also has an earth cable. Water flow is directly adjusted from the machine through an adjustment valve. The drainage system is of lateral type, designed to prevent clogging as the drain hole is oversized 30 mm and the water carrying plaster particles is driven outward by the air turbulence generated by the wheel. The component supporting the patterns is of tilting type with three positions. The motor is monophasic, and is insulated from the wet area of the machine by means of a retainer with a stainless steel spring for a perfect fit on the motor shaft end. The motor shaft is made of hardened and ground stainless steel.

The MESTRA model trimmer is entirely made of aluminium except a few components made of stainless steel. The machine is painted with epoxy paint, and always looks as good as new.



 (L) 330 x (W) 570 x (H) 400 mm  24,000 kg

SPECIFICATIONS

| | Ref. 080082-83 | Ref. 080080-81 |
|------------------|------------------|------------------|
| Monophasic motor | Ref. 080082-83 | Ref. 080080-81 |
| Voltage | 230 V - 50-60 Hz | 230 V - 50-60 Hz |
| Rated power | 1200 W | 800 W |
| Disc diameter | 250 / 254 mm | 250 / 254 mm |
| Power | 3000 | 1500 |
| Capacitor | 16 µF 450 V | 12 µF 450 V |

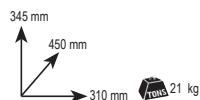
Which trimmer should I choose?

The Classic series trimmer family consists of five products. Although all the trimmers share the same concept and performance, there are several special features that make them different.

1500 rpm silicon carbide disc trimmer Ref. 080080

Due to its low speed, the main advantage of the trimmer is its easy handling, its silent operation and the scarce splashing it produces.

Thus, it is recommended for professionals not very familiarized with trimming who work in places that have to remain clean or in places where they cannot make too much noise.



1500 rpm diamond disc trimmer Ref. 080081

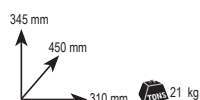
Similar features of the previous trimmer, but with a diamond disc. The diamond disc, if used properly, has a much longer working life.

Besides, the trimming surface is maintained completely flat, with no wear scratches. Its price, however, is higher.



3000 rpm silicon carbide disc trimmer Ref. 080082

It is the model that best meets the requirements of the dental lab. Its trimming power is very high, and it can cope with a heavy workload in a very short time. Recommended for experienced professionals working in places where a little more noise or splashing is not a problem.



3000 rpm diamond disc trimmer Ref. 080083

Identical features of the previous model, but with a diamond disc.



RDS-1 trimmer

Ref. 080084 **DRY**

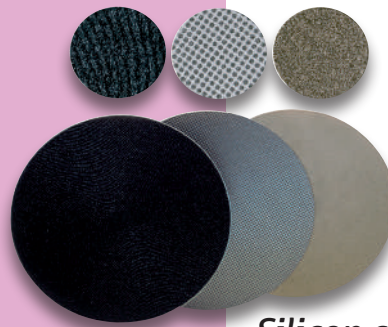
The main characteristic of the RDS-1 trimmer is that the surfacing operation is performed dry, with a diamond disc at 1.500 r.p.m.
 - Stability of the material to be trimmed, since it is not wet.
 - Higher performance and longer life, minimal effort.
 OPTIONAL EXHAUSTER (ESSENTIAL).



 (L) 330 x (W) 570 x (H) 400 mm  24 kg

CAUTION!

Diamond discs are very heat-sensitive: do not trim or rectify metal pieces or coatings.



Silicon carbide disc Ø 250 mm

Ref. 080080-03

Diamond disc Ø 254 mm

Ref. 080081-01

All diamond disc Ø 254 mm

Ref. 080079-05

Decanter (19 l.)

Ref. 080085

Made of resistant polypropylene. It has been specifically designed for a quick and easy cleaning, since dirt is collected in a plastic bag. The lid closes hermetically and prevents the spread of bad smells. Its size and shape have been designed for the unit to be easily installed under the sink.



| | |
|----------|--------|
| Height | 465 mm |
| Diameter | 400 mm |
| Capacity | 19 l |
| Weight | 3.2 kg |

 (L) 500 x (W) 430 x (H) 430 mm  4.5 kg



Decanter (14 l.)

Ref. 080087

Similar features to the Ref. 080085, but smaller (14 l.)



| | |
|----------|--------|
| Height | 345 mm |
| Diameter | 350 mm |
| Capacity | 14 l |
| Weight | 2.2 kg |

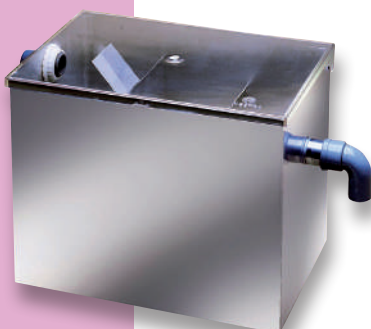
 (L) 360 x (W) 360 x (H) 340 mm  2.8 kg

Decanter (18 l.)


Ref. 080086

- Made of stainless steel
- With plastic lid to prevent smells

INOX



| | |
|--------|--------|
| Height | 290 mm |
| Width | 450 mm |
| Depth | 230 mm |
| Weight | 6.5 kg |

 (L) 520 x (W) 300 x (H) 350 mm  7.5 kg

Decanter (70 l.) Ref. 080089



It is made in highly resistant fibreglass with a total capacity of 70 l. and a design that allows an easy installation under the sink.

It also has wheels which make its movement easier. Cleaning and emptying operations are easy because of the optimum access to the cube.

This machine is supplied with all the couple nuts and accessories for its installation.



| | |
|--------|--------|
| Height | 615 mm |
| Width | 520 mm |
| Depth | 600 mm |
| Weight | 10 kg |

 (L) 650 x (W) 650 x (H) 650 mm  15 kg

Inox



Interior trimmer Ref. 080102

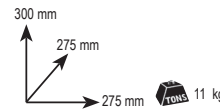
The MESTRA interior trimmer is carefully designed to facilitate trimming work in dental laboratories. It comes in a compact, fully stainless steel built unit which is easy to clean and totally corrosion-resistant. Its large sitting surface and non-slip rubber feet make the unit stable and prevent vibrations or unwanted movements during use. Its powerful 1/3 HP, 3000 rpm motor ensures optimum cutting power and smooth, quiet operation. The trimmer is designed to work with 6 mm shank diameter drills.

The worktable is perforated to drain off the dust caused during denture trimming, and has an outlet tube which can be connected to an external exhauster. At the rear there is a Schuko type power connection which is very useful when an exhauster is used. The interior trimmer has a safety switch to protect against unexpected start-ups and a drill protection screen.

It meets EC regulations, and is supplied with one 12-tooth hard-metal drill.

SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Monophasic motor / Rated power | 250 W |
| Speed | 3000 rpm |
| Voltage | 230 V 50/60 Hz |
| (L) 520 x (W) 290 x (H) 360 mm | 12,500 kg |



Burs for interior trimmer

These burs are made of tungsten with grooving serration and are available in two different outlines: cylindrical and rounded conical. The rounded conical bur is supplied with three different kinds of serration: n°5 X (standard), n°3 and n°6 (fine). On the other hand, the cylindrical bur is supplied with serration n°3 and n°6. Dimensions: head diameter 12,5 mm; total length 77 mm.



| | Type | | (L) x (W) x (H) |
|----------------|-------------------------------------|----------|-----------------|
| Ref. 080102-09 | Conical (serration n° 5x). Standard | 0,041 kg | 95 x 17 x 16 mm |
| Ref. 080106 | Conical (serration n° 3). | 0,043 kg | 75 x 17 x 16 mm |
| Ref. 080103 | Conical (serration n° 6). | 0,052 kg | 95 x 17 x 16 mm |
| Ref. 080104 | Cylindrical (serration n° 6) | 0,060 kg | 95 x 17 x 16 mm |
| Ref. 080105 | Cylindrical (serration n° 3) | 0,053 kg | 95 x 17 x 16 mm |
| Ref. 080107 | Tungsten conical (serration) | 0,026 kg | 85 x 22 Ø mm |
| Ref. 080108 | Tungsten cylindrical (serration) | 0,052 kg | 85 x 22 Ø mm |

Atlas Pin drill Ref. 080610

Easy to handle, the machine allows to drill precision holes in the lower part of the model. Changing and adjusting the bit is an easy and intuitive operation.

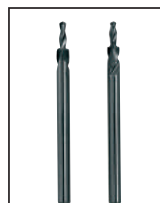
The machine works silently and without vibration. The laser in the upper part of the machine allows to locate exactly the place to drill. Its size, simplicity and ergonomics make it the ideal device for the technique of individualizing pins.

The machine is factory supplied with 2 burs: 1.85 mm and 1.95 mm



Details are very important when designing a good pin drill: the drill-anchoring system has to be easy to loosen. In the case of the Atlas pin drill, a few seconds are enough to replace the drill or adjust its height. The table can easily regulate the depth of the drill: you just have to turn a screw to adjust the height at will.

1,85 1,95



Ref. 100250-05 (1,85) mm
 Ref. 100250-06 (1,95) mm

SPECIFICATIONS

| | |
|---------|----------------|
| Height | 300 mm |
| Width | 165 mm |
| Depth | 165 mm |
| Weight | 5 kg |
| Voltage | 230 V 50/60 Hz |
| Power | 100 W |
| Speed | 6000 rpm |

| | |
|--------------------------------|----------|
| (L) 250 x (W) 250 x (H) 380 mm | 6,000 kg |
|--------------------------------|----------|

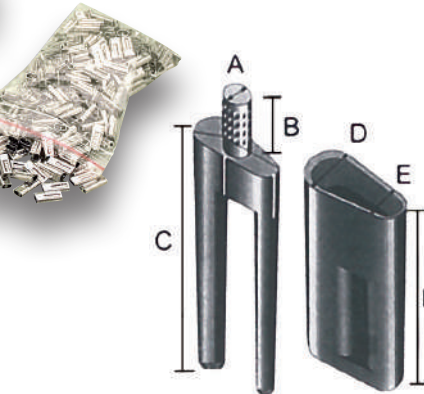


BI-V-PIN (long; 15 mm) Ref. 050560 (1.000 units)

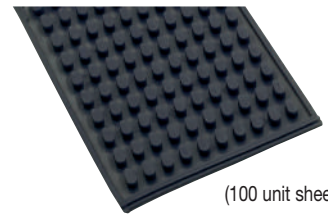
BI-V-PIN (short; 13 mm) Ref. 050558 (1.000 units)

Precise nickel plated pins. BI-Pin model has an exact fitting with sleeve for excellent retentive effect. Base fitting is perfect and it avoids rotation. Bi-Pins are supplied with a rubber sheet.

(pack of 1.000 units)



Rubber sheets for BI-V-Pin Ref. 050570



(100 unit sheet)

| Bi-V-Pin | | | Metal Sleeve | | |
|---------------|-----|------|---------------|------|-------|
| DIMENSION(mm) | | | DIMENSION(mm) | | |
| A | B | C | D | E | F |
| 1.95 | 5.0 | 15.0 | 2.50 | 1.90 | 12.95 |

(L) 165 x (W) 73 x (H) 110 mm 1,705 kg

| Bi-V-Pin | | | Metal Sleeve | | |
|---------------|-----|----|---------------|------|----|
| DIMENSION(mm) | | | DIMENSION(mm) | | |
| A | B | C | D | E | F |
| 1.95 | 5.0 | 13 | 2.50 | 1.90 | 11 |

(L) 165 x (W) 73 x (H) 110 mm 1,680 kg

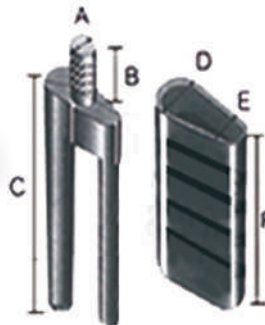
(L) 97 x (W) 70 x (H) 5 mm 0,013 kg



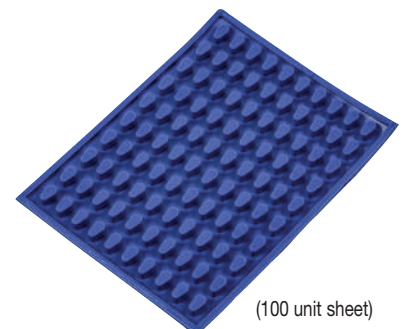
BI-V-PIN (with plastic sleeve; 1000 units)

Ref. 050557

Similar to conventional Bi-Pin but with plastic sleeve. Pin-sleeve fitting and gripping to the plaster model are very precise. Optimal fitting precision. Friction between sleeve and pin is ideal for assembly-disassembly.



Rubber sheets for BI-V-Pin Ref. 050574



(100 unit sheet)

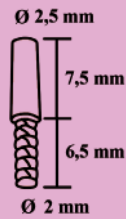
| Bi-V-Pin | | |
|---------------|-----|----|
| DIMENSION(mm) | | |
| A | B | C |
| 1.95 | 5.0 | 15 |

| Plastic Sleeve | | |
|----------------|------|----|
| DIMENSION(mm) | | |
| D | E | F |
| 2.50 | 1.90 | 13 |

(L) 163 x (W) 73 x (H) 108 mm 1,026 kg

PIN (short cylinder)
Ref. 050576

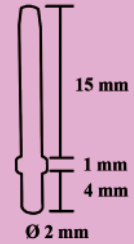
"Knurled" short cylindrical pin (1000 unit pack)



(L) 90 x (W) 70 x (H) 55 mm 0,376 kg

PIN (long cylinder)
Ref. 050578

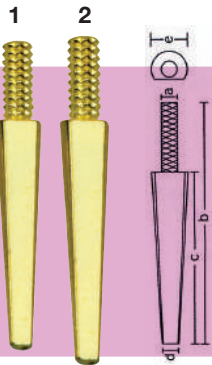
Long cylindrical pin (20 mm) (1000 unit pack)



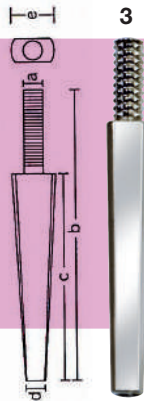
(L) 120 x (W) 95 x (H) 43 mm 0,400 kg

DOWEL PIN (1.000 units)

- 1 Ref. 050562 Dowel PIN 20 mm. Golden (pack 1.000 u.)
- 2 Ref. 050564 Dowel PIN 22 mm. Golden (pack 1.000 u.)
- 3 Ref. 050566 Dowel PIN Flat 22 mm. Chrome (pack 1.000 u.)



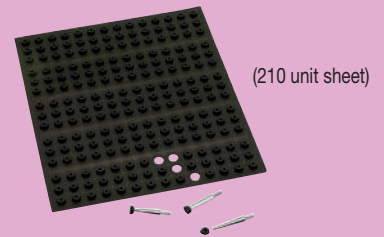
| DIMENSION(mm) | | | | | |
|---------------|------|------|------|------|------|
| Size | A | B | C | D | E |
| 1 | 1.95 | 20.0 | 15.0 | 1.50 | 2.95 |
| 2 | 1.95 | 22.0 | 17.0 | 1.60 | 3.16 |



| DIMENSION(mm) | | | | | |
|---------------|------|------|------|------|--|
| A | B | C | D | E | |
| 1.95 | 22.0 | 17.0 | 1.60 | 2.90 | |

(L) 90 x (W) 70 x (H) 55 mm 0,521 kg

Rubber sheets for DOWEL PIN Ref. 050572



(L) 136 x (W) 113 x (H) 5 mm 0,018 kg

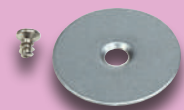
Base plates for pin driller



Base plate for former 100 u.
Ref. 050180



Base plate without washer 100 u.
Ref. 050182



Washer for base plate (50 u.)
Ref. 050182-01



Base plate with washer 50 u.
Ref. 050184



Secondary plate with magnet 25 u.
Ref. 050186



TEIDE CIMA Ref. 080024



TEIDE Ref. 080022



TEIDE 1 Ref. 080021

Electrovibrator

With the arrival on the market of the Teide Cima vibrator, a set of innovations until now unknown in similar products of the dental sector were introduced. Among them, we can highlight the possibility of choosing between four types of different frequency, the incorporation of a practical timer, a fully digitized control, or a new and practical ball pouring system. After these years, we had to update and modernize our Teide, launching a new version that improves the performance of the previous model. Among the most significant developments we can point out:

- **Control completely renewed:** it incorporates an intuitive graphic display with which the operation of the device is much simpler.
- **Improved waveforms:** Although the vibration frequencies are the same (they were already optimized in the previous version), the waveform has been modified by smoothing it.
- **Improvements in the electromechanical system:** That, combined with those of the previous point, increase efficiency without implying an increase in noise and vibration.
- **Excellent reliability:** through a complete mechanical and electrical redesign work, the robustness of the set has been improved, achieving a practically "indestructible" product.

Our Teide model also gets benefit from the change of control. Although this model incorporates two different frequencies, the waveform is also optimized, which allows an improvement in efficiency without increasing noise and transmitted vibration. The electromechanical reliability improvements are also extended to this model, making it the most balanced option in the family. Performance and simplicity in perfect balance.



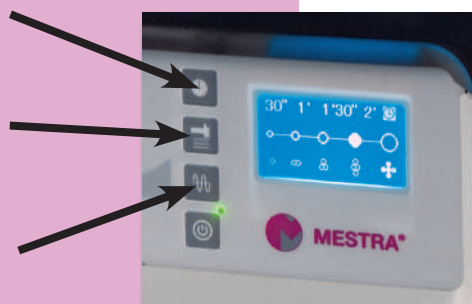
Accesorio:
Ref. 080022-10

The "Teide 1" model is still the simplest option of the three, but no less interesting. We must mention its ease of use and excellent reliability. Of course, it also shares with the rest of the range, the advantages common to the entire Teide family.

Timer Button:
It allows to select between four different times. It also has a continuous operation mode.


Power button
The power of the vibrator can be gradually increased in 5 levels. The synoptic display is very useful.

Vibration type button
The user can choose between 5 different types of vibration, optimizing the vibration for any type of mass due to its viscosity, humidity, nature, etc.



SPECIFICATIONS

| | |
|--------------|-------------------------------|
| Voltage | 220 V. 50 Hz. / 115 V. 60 Hz. |
| Working area | 220 x 180 mm |
| Rater power | 280 W |
| Height | 117 / 197 mm |
| Width | 265 mm |
| Length | 227 mm |
| Weigth | 5,500 kg |

| | |
|--|--|
|  (L) 310 x (W) 310 x (H) 190 mm |  6,200 kg |
|--|--|



Pouring ball

The pouring ball is very practical. Leaning on it the impression tray or the bowl, the material will flow smoothly and without bubbles, filling any gap.

In case it is not necessary, it is possible to remove quickly and easily. rápida y sencilla.



The dimensions of the table have been carefully calculated. It is intended to fit the maximum possible number of cylinders of different sizes, in the minimum possible area. After a complete combinatorial exercise, our engineers concluded that a table of 220 x 180 mm is the best possible relationship.



The basic forms have been designed to prevent possible plaster remains reaching the inside of the machine. The working environment of a vibrator is especially dirty. Therefore, **the edges of the rubber table (1), the sinking of the control panel (2), and the roundness of the corners (3)** are details that prevent dirt entering. In addition, all surfaces are perfectly smooth, allowing excellent cleaning.




The legs represent an important advance in the reduction of vibrations. Traditionally, the legs of a vibrator were designed as suction cups to be fixed to the table; or as hollow pivots of high flexibility. **MESTRA** engineers managed to combine both approaches by designing legs with a suction cup shaped end and a hollow body. The result of such an ingenious solution is surprising: the vibrations and noise transmitted to the table are drastically reduced.

Large electrovibrator Ref. 080010

Made of steel plate. Epoxy paint. Equipped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations. Resting on suction pads. Working plate made of rubber on a metal body.



DIMENSIONS


| | |
|--|--------------|
| (L) 390 x (W) 300 x (H) 130 mm | 13,200 kg |
| Working area | 370 x 275 mm |
|  (L) 520 x (W) 290 x (H) 360 mm | 14,500 kg |

Square electrovibrator Ref. 080020

Made of steel plate. Epoxy paint. Equipped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations. Resting on suction pads. Working plate made of rubber on a metal body.



DIMENSIONS


| | |
|--|--------------|
| (L) 235 x (W) 235 x (H) 105 mm | 6,300 kg |
| Working area | 220 x 220 mm |
|  (L) 310 x (W) 310 x (H) 190 mm | 7,000 kg |

Rectangular electrovibrator Ref. 080025

Similar features to those of the Square Electro Vibrator, except for its dimensions: 220 x 160 mm.



DIMENSIONS


| | |
|--|--------------|
| (L) 235 x (W) 170 x (H) 105 mm | 6,200 kg |
| Working area | 220 x 160 mm |
|  (L) 310 x (W) 310 x (H) 190 mm | 6,900 kg |

Round electrovibrator Ref. 080030

Its body is made of white colour anodized aluminium, and rests on suction pads. The working surface is made of rubber on a metal body and has a recess of 30 mm for inserting the tray. It is equipped with a potentiometer, a selector switch (+, -) for stepped adjustment of vibrations, and an "ON" light.



DIMENSIONS


| | |
|--|----------|
| (L) 152 x (W) 152 x (H) 100 mm | 2,500 kg |
| Working area | 120 mm |
|  (L) 310 x (W) 310 x (H) 190 mm | 3,000 kg |

Electrovibrator rectangular Ref. 100197

Robust and reliable and economical. It allows adjusting the power level and the vibrating mode (2 frequencies). The upper rubber cover is easily dismantled to clean the unit.



DIMENSIONS


| | |
|--|--------------|
| (L) 275 x (W) 215 x (H) 100 mm | 5,560 kg |
| Working area | 260 x 190 mm |
|  (L) 315 x (W) 260 x (H) 120 mm | 6,270 kg |

Round electrovibrator (small) Ref. 100200

Strong and reliable vibrator at an outstanding price. 4-position power control.



DIMENSIONS

| | |
|---|----------|
| (L) 127 x (W) 127 x (H) 90 mm | 1,600 kg |
| Working area | 125 mm |
|  (L) 200 x (W) 160 x (H) 90 mm | 1,980 kg |



Model saw Ref. 080614



Ideal tool for working with the technique of individualization. Its diamond blade it is only 0.3 mm. thick. This machine puts special care on safety, making almost impossible an accident. Elegant, handy to use and with a very attractive price.

SPECIFICATIONS

| | |
|---------|--------------------|
| Power | 200 W |
| Voltage | 220-240 V 50/60 Hz |
| R.P.M. | 6.000 |
| Height | 290 mm |
| Width | 223 mm |
| Depth | 260 mm |
| Weight | 6,31 kg |

 (L) 520 x (W) 300 x (H) 360 mm  7,410 kg

Indigrap Ref. 050340 (10 units)





 (L) 180 x (W) 80 x (H) 110 mm  0,540 kg

Die tray system

Ref. 100206 (10 units)

Designed to be used as individualiser. The method used is very simple, intuitive and very well known. Its low cost is another strong point of this technique



 (L) 190 x (W) 70 x (H) 90 mm  0,345 kg

Composite heater Ref. 080077



Mestra composite heater is a device that allows to keep the syringes of composites, adhesives or other materials used in the dental laboratory warm until the moment of use. With capacity for 8 syringes, it allows you to choose between three different temperatures (40, 50 or 70 °C), to facilitate the handling of composites, improving their fluidity.

SPECIFICATIONS

| | |
|-------------------|--------------|
| Height | 135 mm |
| Width | 97 mm |
| Depth | 110 mm |
| Weight | 0,742 kg |
| Temperatura | 40-50 y 70°C |
| Diameter of holes | 16 mm |
| Voltage | 100 - 240 V |

Wax heater



(high capacity) Ref. 080076

Similar to the Ref. 080078 Water Bath, but in this model the controls allow to regulate a wider range of temperatures and the tank is teflon coated. Thanks to these two modifications, you can keep a considerable amount of melted wax in the tank, ready to be used in different lab techniques.



SPECIFICATIONS

| | | | |
|--------|----------|-------------------|-----------|
| Height | 146 mm | Voltage | 230 V |
| Width | 230 mm | Temperature range | 30-100 °C |
| Depth | 195 mm | Power | 310 W |
| Weight | 1,700 kg | Capacity | 1 l. |

 (L) 300 x (W) 300 x (H) 200 mm  2,000 kg



Water bath Ref. 080078

This machine is extremely useful when working with applications that need a water bath that keeps the water temperature accurately (polymerisation of small elements, wax sheets for biting registers, etc). It has a 1 litre stainless steel tank and it is easy to clean. The body is made in high density polyurethane, resistant to chemical agents. Bath temperature control is made by an electronic thermostat easy to use and accurate when keeping the programmed temperature. Temperature range is from 30 °C to 75 °C. A powerful heater allows reaching the set temperature in a few minutes.



SPECIFICATIONS

| | | | |
|--------|----------|-------------------|----------|
| Height | 146 mm | Voltage | 230 V |
| Width | 230 mm | Temperature range | 30-75 °C |
| Depth | 195 mm | Power | 310 W |
| Weight | 1,700 kg | Capacity | 1 l. |

 (L) 300 x (W) 300 x (H) 200 mm  2,000 kg

Wax heater (for dipping)

Ref. 080075



It has electronic control via microprocessor to ensure that the set temperature entered by the user is very accurately maintained. The working temperature range is from 50° C to 99° C.



SPECIFICATIONS

| | |
|---------|----------|
| Voltage | 230 V. |
| Power | 30 W |
| Tank | Ø 35 ↑35 |



 (L) 150 x (W) 120 x (H) 120 mm  0,630 kg



Wax heater Ref. 080070

No superfluous decorative elements are provided on its front. This makes it more functional, as drops of wax inevitably fall on this area when the spatula is being inserted and removed, which would damage the controls. The wax heater is set for a temperature of around 85 °C, which melts wax in 8 to 10 minutes.



SPECIFICATIONS

| | | | |
|--------|--------|------------------|----------------|
| Height | 60 mm | Voltage | 230 V 50-60 Hz |
| Width | 150 mm | Earth connection | |
| Length | 140 mm | Power | 60 W |
| Weight | 1,1 kg | | |

 (L) 215 x (W) 155 x (H) 64 mm  1,100 kg

Immersion heater

Ref. 100126



It can melt the wax in a few minutes and keep the temperature within a narrow variation range, which ensures the stability of the physical properties and therefore a high precision when making the crown. The electronic display is clear and the actual temperature in the tank and the set-point temperature can be easily checked. The heater can be regulated in Fahrenheit and Celsius degrees.



SPECIFICATIONS

| | |
|-------------------|-----------|
| Voltage | 230 V |
| Temperature range | 50-120 °C |
| Power | 60 W |



 (L) 240 x (W) 180 x (H) 90 mm  0,835 kg

Immersion heater

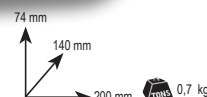
(3 tanks) Ref. 100123



Similar to the Ref. 100126 immersion heater, but it features three tanks to heat three different types of wax, with independent temperature adjustment in each tank. The display shows continuously the real and set up temperatures in each tank.



SPECIFICATIONS

| | |
|-------------------|-----------|
| Voltage | 230 V |
| Temperature range | 50-120 °C |
| Power | 60 W |



 (L) 240 x (W) 180 x (H) 90 mm  1,190 kg

Wax heater Ref. 080071

Very simple and easy to use. Just enter an operating temperature, and the electronic control system keeps the programmed temperature to a surprising degree of accuracy and shows it on an illuminated screen. Its strong plastic frame and membrane keypad prevent wax from filtering inside the device. The tank is divided into four independent compartments so that as many different types of wax can be heated. The teflon coating of the tank makes cleaning operations easier.



SPECIFICATIONS

| | | | |
|--------|--------|-------------|----------------|
| Height | 70 mm | Voltage | 230 V 50-60 Hz |
| Width | 192 mm | Temperature | 50-120 °C |
| Depth | 114 mm | Power | 120 W |
| Weight | 1,1 kg | | |

(L) 250 x (W) 180 x (H) 90 mm 1,100 kg

Wax heater Ref. 080072

Similar to the Ref. 080071. The only difference is that the tank is divided into four independent compartments so that as many different types of wax can be heated. The teflon coating of the tank makes cleaning operations easier.



SPECIFICATIONS

| | | | |
|--------|--------|-------------|----------------|
| Height | 70 mm | Voltage | 230 V 50-60 Hz |
| Width | 192 mm | Temperature | 50-120 °C |
| Depth | 114 mm | Power | 120 W |
| Weight | 1,1 kg | | |

(L) 250 x (W) 180 x (H) 90 mm 1,300 kg

Gas burner

Ref. 100001

Highly practical and easy to use. It is equipped with an atomizer head with 1.300 °C flame temperature and 2 hours autonomy with full tank. Burning is through an automatic piezoelectric device and flame can be regulated.



(L) 130 x (W) 90 x (H) 120 mm 0,275 kg

Blowtorchs and burners

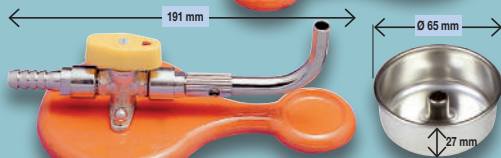


Gas burner

Ref. 050000 (Butane)



Ref. 050020 (Natural gas)

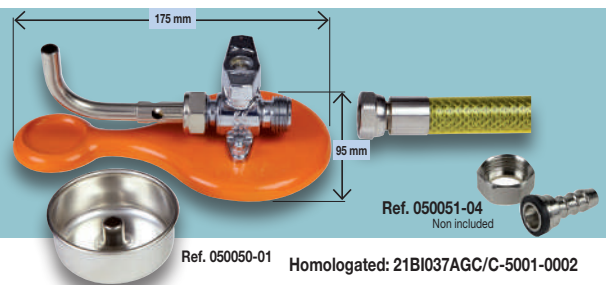


0,044 kg
Ref. 050050-01

Homologated 20-CB2-0001

Gas burner for threaded hose

Ref. 050051 Butane/propane
Ref. 050052 Natural gas
Ref. 050053 Butane/propane + wax container
Ref. 050054 Natural gas + wax container



Ref. 050051-04 Non included
Ref. 050050-01 Homologated: 21BI037AGC/C-5001-0002
 (L) 245 x (W) 100 x (H) 70 mm 0,460 kg

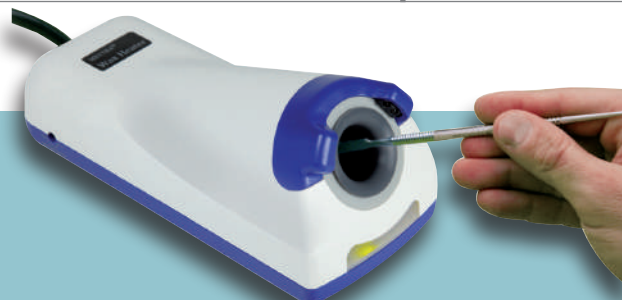
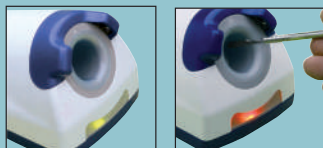
Gas burner with wax container

Ref. 050030 (Butane)

Ref. 050050 (Natural gas)

Induction heater

Ref. 100009



The green light means that the unit is on standby and ready for a tool to be inserted.

When the sensors detect an instrument between them the red light will turn on, which means that the induction is in operation.

85 mm
210 mm
90 mm
 0,530 kg

Voltage 230 V
Power 100 W

(L) 250 x (W) 180 x (H) 90 mm 0,990 kg

Wax moulds

Ref. 050200 (straight)

Ref. 050210 (curve)



Ref. 050200 10 ingot of 123 x 10
(L) 175 x (W) 145 x (H) 15 mm 0,253 kg

Ref. 050210 (L) 65 x (W) 74 x (H) 18 mm 0,063 kg

Electronic spatula

(for wax modelling) Ref. 100007



Its ergonomics, ease of use, and small size make it an optimal tool for this kind of work. The accuracy of the electronic controls is also remarkable, since it maintains the temperature in the spatula head within a narrow error margin. The working temperature can be read on the digital display in the controls box. The device is factory supplied with two different heads, adaptable to the most commonly used shapes in the dental lab.



SPECIFICATIONS

| | | | |
|--------|----------|-------------|-----------|
| Height | 65 mm | Voltage | 230 V |
| Width | 75 mm | Temperature | 50-200 °C |
| Depth | 120 mm | Power | 12 W |
| Weight | 0,650 kg | | |

(L) 250 x (W) 180 x (H) 90 mm 0,985 kg



Double electronic spatula

(for wax modelling) Ref. 100008



Similar to the Ref. 100007, but with two heating heads instead of one. Thus, the temperature can be controlled while working the wax, without handling the controls box. The device is factory supplied with six different heads and, therefore, it can be adapted to the most common shapes used in the dental lab.

SPECIFICATIONS

| | | | |
|--------|----------|-------------|-----------|
| Height | 70 mm | Voltage | 230 V |
| Width | 150 mm | Temperature | 50-200 °C |
| Depth | 120 mm | Power | 20 W |
| Weight | 0,900 kg | | |

(L) 250 x (W) 180 x (H) 90 mm 1,020 kg

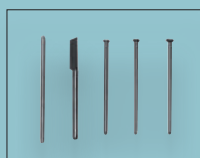


Surveyor Ref. 050310

Concentric clamp for 2 mm rods.

COMPONENTES INCLUDED:

- Wax knife.
- Analyzing rod.
- Rod with: 0,25 - 0,50 - 0,75 ribs.
- Holder with loads (6 u.) Ref. 050310-35



1 2 3 4 5

- 1 Ref. 050310-31
- 2 Ref. 050310-30
- 3 Ref. 050310-32
- 4 Ref. 050310-33
- 5 Ref. 050310-34

SPECIFICATIONS

(L) 250 x (W) 168 mm 4,153 Kg

(L) 315 x (W) 315 x (H) 200 mm 4,980 kg

Atache tongs

(Surveyor) Ref. 050320



SPECIFICATIONS

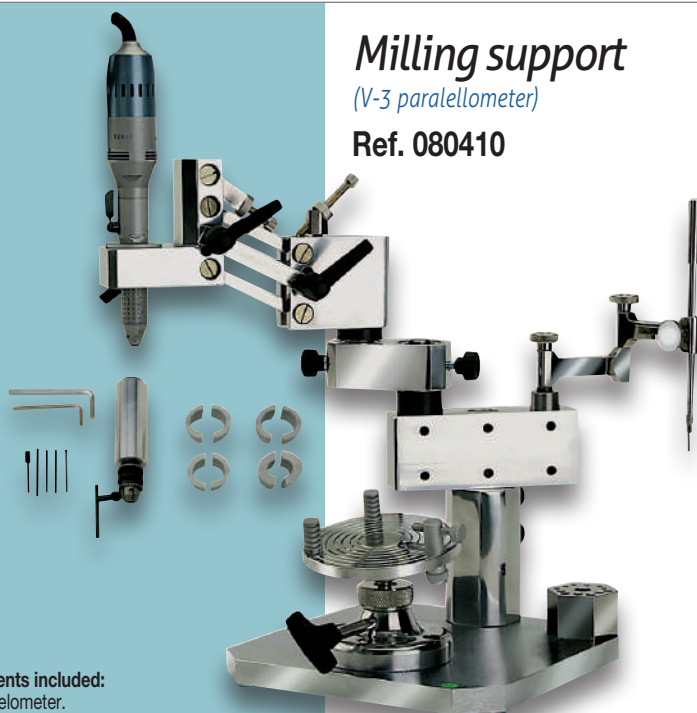
(L) 178 x (W) 12 mm 0,065 Kg

(L) 315 x (W) 315 x (H) 200 mm 0,076 kg

Milling support

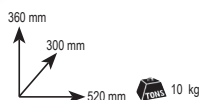
(V-3 parallelometer)

Ref. 080410



Elements included:

- Parallelometer.
- Wax knife Analyser rod.
- Rods with 0,25, 0,5 and 0,75 ridges
- 2 Allen wrenches, 5 bushings for fitting different hand tools.
- Drill hold.
- Hand piece not included.



(L) 520 x (W) 300 x (H) 360 mm 11,000 kg

Electronic spatula

(for parallelometer)

Ref. 100006 A
B
C

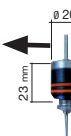


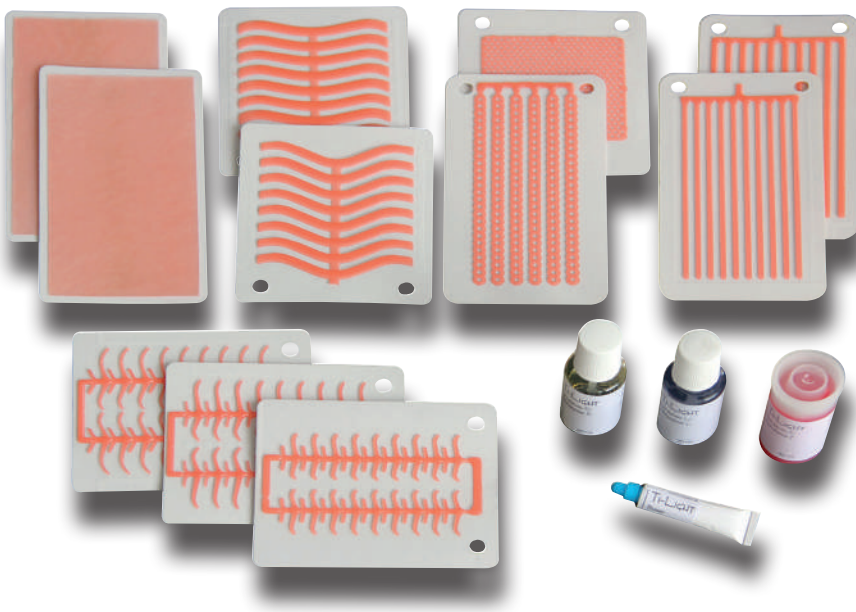
Ø 3, 2.35 or 2 mm fixing shaft (diameter to be chosen when ordering). Ideal to be fitted in a parallelometer, micro-drilling support or similar device for modelling wax pieces. It is factory supplied with a complete tip set and an electronic control box. The control box allows an accurate adjustment of the working temperature of the tip by showing it on the digital display.

SPECIFICATIONS

| | | | | | |
|--------|----------|-------------------|-----------|----------------------------------|-----------|
| Height | 65 mm | Voltage | 230 V | Ø fixing shaft of parallelometer | A 3 mm |
| Width | 75 mm | Temperature range | 50-200 °C | | B 2 mm |
| Depth | 120 mm | Power | 12 W | MESTRA → | C 2,35 mm |
| Weight | 0,650 kg | Height adaptor | 23 mm | | |

(L) 240 x (W) 180 x (H) 90 mm 1,000 kg





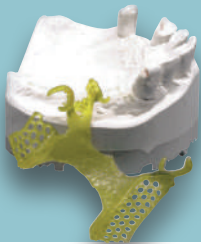
Light curing pattern Ti-Light

Imagine a product with the same characteristics, texture and formability as conventional modeling wax. Imagine that the same product, after being modeled, allows curing with a simple lamp, thus acquiring the own characteristics of a composite. Finally, also imagine that the modeled skeleton can be coated and casted following a conventional process, without appearing tensions, contractions, sinking or ashes. Can you imagine now the time and consumable that you would save with that material?

Content of the start-up kit Ref. 110001

| Description | Quantity |
|-----------------------------|----------|
| Molar clasps (18 pieces) | 1 sheet |
| Premolar clasps (18 pieces) | 1 sheet |
| Skeleton sheets | 1 sheet |
| Stipple sheet 0.35 mm | 1 sheet |
| Stipple sheet 0.45 mm | 1 sheet |
| Stipple sheet 0.45 mm | 1 sheet |
| Lingual bar | 1 piece |
| Palatal bar | 1 piece |
| Palatal bar | 1 piece |
| Palatal plate | 1 piece |
| Reinforcing rods (thick) | 5 pieces |
| Reinforcing rods (thin) | 5 pieces |
| Finishing lines | 1 piece |
| Glue (polymerizable) | 5 g. |
| Separator L | 20 ml |
| Separator D | 20 ml |
| Separator F | 20 ml |

Light curing pattern Ti-Light is available in several presentations: an initiation kit that includes all the elements necessary to perform skeleton modeling work; replacement boxes with different pre-formed elements (hooks, grilles, plates, reinforcements, etc.); and adhesives and separators that complement the family.




Modeling with Ti-Light® begins by preparing the model: preparation waxes, separating agents, etc. can be used.



Once the model is ready, the different elements that make up the skeleton are added.



The Ti-Light® family has a wide variety of pre-formed elements (hooks, bars, etc.) that make modeling work much easier.

 (L) 210 x (W) 155 x (H) 85 mm

 0,380 kg

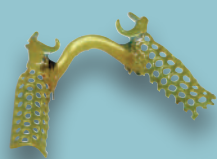


The union between the different elements of the skeleton is simple. Depending on the case, they can be glued by joining them together and then pressing them with your finger; or adding some Ti-Light® adhesive.

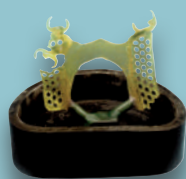


After the modeling phase is finished, polymerization is carried out in a conventional polymerizing lamp. When Ti-Light® wax is ready, its color changes from pink to yellow.

After polymerization, reinforcements, inserts, etc., of conventional wax can be added. To remove the preparation waxes, steam can be used.



Once the skeleton is removed, Ti-Light® allows polishing and finishing operations.



Sprues, vents and similar elements of conventional wax can be inserted in the modeled skeleton. The coating and casting of the skeleton is done following conventional methods.

Replacements

| Description | Quantity | Ref. |
|------------------------------|----------|-----------|
| Molar clasps (18 pieces) | 5 sheets | 110001-01 |
| Premolar clasps (18 pieces) | 5 sheets | 110001-02 |
| Skeleton sheets | 5 sheets | 110001-03 |
| Stipple sheet 0.35 mm | 5 sheets | 110001-04 |
| Stipple sheet 0.45 mm | 5 sheets | 110001-05 |
| Stipple sheet 0.45 mm | 5 sheets | 110001-06 |
| Lingual bars (6 pieces) | 4 sheets | 110001-07 |
| Lingual plates (6 pieces) | 4 sheets | 110001-08 |
| Placas palatales (6 pieces) | 4 sheets | 110001-10 |
| Refuerzos gruesos (6 pieces) | 5 sheets | 110001-11 |
| Refuerzos finos (6 pieces) | 5 sheets | 110001-12 |
| Líneas de acabado (6 pieces) | 5 sheets | 110001-13 |
| Glue (polymerizable) | 5 g | 110001-14 |
| Separator L | 20 ml | 110001-15 |
| Separator D | 20 ml | 110001-16 |
| Separator F | 20 ml | 110001-17 |

E2 Washing and polymerizing machine (Stainless steel) Ref. 080060





Chassis completely made of stainless steel



SPECIFICATIONS

| | |
|-----------------------|--------------------------------|
| Voltage | 230 V - 50 - 60 Hz |
| Power | 2200 + 400 W |
| Height (without knob) | 450 mm |
| Width (with key) | 405 mm |
| Length | 635 mm |
| Weight | 34,000 kg |
| INSIDE DIMENSIONS | (L) 400 x (W) 320 x (H) 350 mm |

Polymerization: 12 flask with Ref. 030380 clamps. 95° C.
Scalding: 6 flasks (open type) (±8 minutes) 85 °C.
Casing: Stainless steel

 (L) 740 x (W) 520 x (H) 680 mm  44,000 kg

The E2 washing and polymerizing machine is equipped with a processor to control the temperature according to two set programmes.

1. Shower programme
 - a) The computer or the user can set a temperature (e.g. 80 °C) so that the E2 washer/polymerizer is ready to shower at all times.
 - b) Shower time required.
2. Polymerization programme
 - a) Delayed start time in hours and minutes from 0.00 to 99.59. This means the programme can be set to run at a particular time. This delay works each time the programme is started.
 - b) Duration of each controlled temperature increase gradient in hours and minutes from 0.00 to 99.59.
 - c) Required holding time at each temperature plateau in hours and minutes from 0.00 to 99.59.
 - d) Shower time required.



The washing system with 6 high-pressure water injectors ensures proper scalding of flasks and perfect wax removal.



Fast spray tree assembly & disassembly system.



Large compartment with room for 6 clamps with 2 flasks each





Drain cock



Washing machine cabinet (Stainless steel) Ref. 080050




Completely made of stainless steel. Together with the Ref. 080060 Washing and Polymerising Machine, they make a practical, aesthetic and unchanging combination in dental labs. It has three inner shelves in order to keep adequately flasks, clamps and any other material used in polymerizing processes.

SPECIFICATIONS

 (L) 640 x (W) 370 x (H) 680 mm  22,000 kg

 (L) 740 x (W) 520 x (H) 920 mm  30,000 kg



M-9 Polymerizer M-18 Polymerizer

Ref. 080400
Ref. 080402



Chassis completely made of stainless steel

Ref. 080400

Made completely of stainless steel. Polymerizes 9 flasks with the 030390 clamp. The M-9 polymerizer is equipped with a processor to change the temperature according to a pre-set programme.

On the M-9 the operator (user) can select the following:

- A delayed start time set in hours and minutes from 0.00 to 99 hours 59 minutes. This means the programme can be pre-set to start at a specific time. The delay works every time the programme is initiated.
- The duration of each temperature increase gradient in hours and minutes from 0.00 to 99 hours 59 minutes.
- The desired holding time in hours and minutes from 0.00 to 99 hours 59 minutes at each plateau.

END OF TREATMENT WARNING BUZZER

- When the programme completes the treatment or A4, a modulated warning buzzer is set off for one minute. When the alarm buzzer sounds, press any key to acknowledge the alarm and continue the programme.
- If the power fails, the regulator stores all its data, and when the power returns it continues from the same point in the programme.
- Programmes and parameters are stored indefinitely when the power to the regulator is cut off.

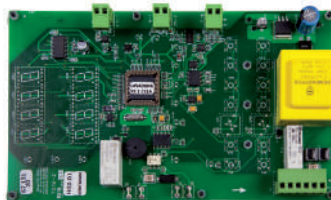


Room for 3 clamps with three flasks each.



Ref. 080402

It is exactly the same as the Ref. 080400 except for its size. It can hold up to 18 flasks.



MICROPROCESSOR





- Time & temperature control.
- Buzzer to indicate end of program.
- Last program memory.
- Automatic disconnection.
- Triac for heating control.
- Thermocouple breakage indicator.
- Protection against voltage variations.
- Protection against electrical power cut.



ERGONOMICS: Double display. Graphic indicating the state of the machine

SPECIFICATIONS

| | M-9 | M-18 |
|-----------------|---|---|
| Voltage | 230 V - 50-60 Hz. | 230 V - 50-60 Hz. |
| Power | 1750 W | 3000 W |
| Dimensions | (L) 480 x (W) 270 (with key) x (H) 470 mm (with knob) | (L) 500 x (W) 420 (with key) x (H) 510 mm (with knob) |
| INSIDE MEASURES | (L) 350 x (W) 180 x (H) 335 mm | (L) 400 x (W) 320 x (H) 350 mm |
| Weight. | 15 kg | 20 kg |

| | | |
|--------|--|---|
| C M-9 |  (L) 650 x (W) 330 x (H) 550 mm |  18,000 kg |
| C M-18 |  (L) 740 x (W) 520 x (H) 680 mm |  27,000 kg |

Inox

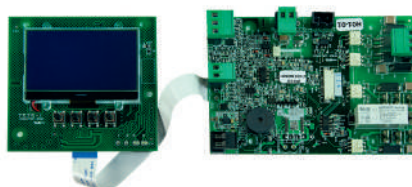
NEW



POLI *Magic-9* Polymerizer Ref. 080405

POLI *Magic-18* Polymerizer Ref. 080407

The **POLI** controls family has been developed as an economical alternative to the **MESTRA**'s standard electronic controls. Their performance and features meet perfectly the needs and expectations of most of the users, but at a very appealing price. And this is why they are particularly recommended for clients who have not very special operation requirements. Apart from the price, another advantage is their easy operation and programming. The **POLI** line is available for the **M9** and **M18** Polymerizers and for the **E2** washeRef. polymerizer.



MICROPROCESSOR

- Time & temperature control.
- Buzzer to indicate end of program.
- 5 memories.
- Automatic disconnection.
- Triac for heating control.
- Thermocouple breakage indicator.
- Protection against voltage variations.
- Protection against electrical power cut.

Inox

NEW



POLI *Extreme* LP-E2 Ref. 080063
Washing and polymerizer machine

SPECIFICATIONS

| | <i>Magic-9</i> | <i>Magic-18</i> | <i>Extreme</i> LP-E2 |
|-----------------|---|---|--|
| Voltage | 230 V - 50-60 Hz. | 230 V - 50-60 Hz. | 230 V - 50-60 Hz. |
| Power | 1750 W | 3000 W | 2200 + 400 W |
| Dimensions | (L) 480 x (W) 270 (with key) x (H) 470 mm (with knob) | (L) 500 x (W) 420 (with key) x (H) 510 mm (with knob) | (L) 635 x (W) 405 (with key) x (H) 450 mm (without knob) |
| INSIDE MEASURES | (L) 350 x (W) 180 x (H) 335 mm | (L) 400 x (W) 320 x (H) 350 mm | (L) 400 x (W) 320 x (H) 350 mm |
| Weight. | 15 kg | 20 kg | 34 kg |

| | | |
|-----------------|--------------------------------|-----------|
| <i>Magic-9</i> | (L) 650 x (W) 330 x (H) 550 mm | 18,000 kg |
| <i>Magic-18</i> | (L) 740 x (W) 520 x (H) 680 mm | 27,000 kg |
| LP-E2 | (L) 740 x (W) 520 x (H) 680 mm | 44,000 kg |

FEATURES:

- a) Delayed start time from 99 h. 59 min.
- b) Time to reach and to maintain the temperature from 00.00 to 180 m.
- c) Water temperature (max: boiling).
- d) Buzzer and automatic disconnection.



Ref. 080405

Room for 3 clamps with three flasks each.



Ref. 080407

It is exactly the same as the **Ref. 080400** except for its size. It can hold up to 18 flasks.



| | |
|----------|----------------|
| | Up |
| | Down |
| P | Memory |
| | Display change |
| | Start-stop |
| | Shower |

Inox

Automatic polymerizing pot **Autopol (6 L)** Ref. 030425

Polymerizing pot with high capacity tank (up to 6 litres), which allows to accommodate a considerable number of elements to polymerize. By means of an electronic control, temperatures can be regulated and maintained according to the times defined by the user.

Automatic polymerizing pot **Autopol (8 L)**

Ref. 030430

Same characteristics of model Ref. 030425.
capacity 8 liters



Two safety valves.



Its time and temperature parameters are easily programmable by the user.

CERTIFICATE
py TÜV Rheinland®
Type certificate N°
PED.BD.000011
Directive 2014/68/UE
(pressure equipment)



Tank of generous dimensions
(6 - 8 L and diameter 210 mm).

| SPECIFICATIONS | R-030425 | R-030430 |
|------------------|----------|----------|
| Max. pressure | 2 bar | 2 bar |
| Max. Temperature | 100 °C | 100 °C |
| Volume tank | 6 litros | 8 litros |
| Heating power | 600 W | 600 W |
| Height | 350 mm | 355 mm |
| Width | 360 mm | 360 mm |
| Depth | 400 mm | 400 mm |
| Weight | 5,5 kg | 5,7 kg |



Ref. 030425-45
Accessory for regulation
of pressure at 1.5 bars
(Qdent)

Pneumatic polymerizing pot (6 l.) Ref. 030420

Made of stainless steel. For cold and hot polymerizing at pressures up to 2 bars.
Double safety valve. Air intake valve with backflow preventer. Hose with automatic closing.
Maximum temperature 60 °C

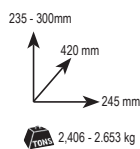
Pneumatic polymerizing pot (8 l.) Ref. 030422

Same characteristics of model Ref. 030420, capacity 8 liters.

Inox



Double safety valve



SPECIFICATIONS

| | |
|----------|-----------------|
| Diameter | 245 mm |
| Made of | Stainless steel |
| Capacity | 6-8 l. |

(L) 275 x (W) 440 x (H) 260 mm 3,440 kg

Poli-Plus (pressure polymerizer) Ref. 080460

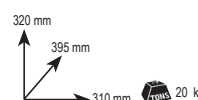
Made of stainless steel. Tank of anodized aluminium with triple safety system when opening and closing the lid. Its automatic computerized control makes possible a time-controlled start-up, and controlling the rises and maintenance of the temperatures. When the working cycle finishes, there is a manual discharge and an automatic disconnection.

Inox



SPECIFICATIONS

| | |
|----------------------------|---------------------------|
| Maximum operating temp. | 135° C |
| Maximum operating pressure | 6,5 bars |
| Tank capacity | 135 \updownarrow 115 mm |
| Power | 1.000 W |
| Voltage | 230 V 50/60 Hz |



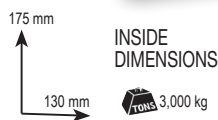
(L) 420 x (W) 600 x (H) 440 mm 23,000 kg

Clamp (for pressure-vessel)

Ref. 030000

Made of hardened duralumin

Ref. 030000



Pressure vessel

(for self-polymerizing resins)

Ref. 030010

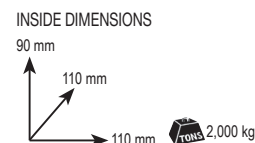


| OUTSIDE DIMENSIONS | | INSIDE DIMENSIONS | |
|--------------------|--------|-------------------|--------|
| Height | 165 mm | Height | 115 mm |
| Diameter | 123 mm | Diameter | 103 mm |

Weight 1,600 Kg.

Pneumatic container

(for casting rings) Ref. 040210



Curing light Ref. 100035

It is cheap but sturdy and reliable. It has an illuminated chamber with four fluorescent compact lamps (total light power 9 W x 4= 36 W) from 400 to 550 nanometers.

It has a wide interior tray to place up to four models to polymerise at the same time. Operational time is selected with a timer from 0 to 15 minutes. When the cycle finishes, the machine emits a warning acoustic signal.



SPECIFICATIONS

| | |
|------------|----------------|
| Height | 115 mm |
| Width | 215 mm |
| Depth | 295 mm |
| Weight | 2 kg |
| Voltage | 230 V 50/60 Hz |
| Power | 40 W |
| Nonometers | 350/400 |

(L) 435 x (W) 270 x (H) 260 mm 3,760 kg



Sun Beam curing light

Ref. 080550

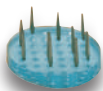
This Curing Light is completely made of stainless steel.

It scans ultraviolet light among 280 and 550 nanometers, covering most wavelengths used in curing dental materials.

It is a general purpose machine, essential in dental clinics and laboratories. Its main features are: time electronic control with digital display; acoustic signal of end of cycle and an encoder type unique control programme; optimum access to the inside chamber of the machine by a door on the top; automatic warning of lamp change (each 500 working hours); revolving support so that light is better distributed (Ø 135 mm); panoramic view from porthole on the top of the machine; and security switch that switches off lights when the door is opened. Sun Beam curing light is supplied with a practical support for prosthesis (MESTRA Ref. 080550-50) and a bag with fixing pins.

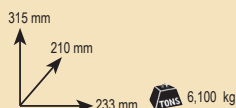


Ref. 080550-50



SPECIFICATIONS

| | |
|------------|--|
| Range | 280/550 nanometers |
| Voltage | 230 V 50/60 Hz |
| Ø plate | 135 mm |
| Time range | 3/20 min. |
| 6 Lamps | 3 mod. 9 W/78 UVA y 3 mod. 9 W/71 UVA |



(L) 520 x (W) 300 x (H) 360 mm 7,500 kg

Curing light Ref. 100037

LED lamp, valid for the vast majority of materials.



SPECIFICATIONS

| | |
|------------|------------------|
| Height | 107 mm |
| Width | 200 mm |
| Depth | 285 mm |
| Weight | 1,2 kg |
| Voltage | 240 V 50/60 Hz |
| Power | 65 W |
| Nonometers | 320/500 Peak 405 |

Light curing plates - Pink (box 50 u.)

MESTRA curing plates for the fabrication of custom trays and bite plates for the production of wax mounts. Its slight transparency allows to perceive marks on the model.

Thickness: 2.2 - 2.4 Ref. 130320
Thickness: 1.4 Ref. 130322



Megatray Light curing plates - Pink (box 50 u.)

Megatray curing plates for the fabrication of custom trays and bite plates for the production of wax mounts. Its slight transparency allows to perceive marks on the model.

Thickness: 2.2 - 2.4 Ref. 130330
Thickness: 1.4 Ref. 130334



Inox



Vestacast induction casting machine (stainless steel) Ref. 040061

A compact high-performance tabletop induction melting machine that is easy to operate. Despite being equipped with a sophisticated electronic control system, its operation has been simplified so it is as easy to use as a conventional centrifuge. The frame is 100% stainless steel. It is also quite powerful (2 600 w) and has manual power/temperature control, which enables it to melt metals up to 1750° C. In general, it can melt any dental alloy with the exception of titanium and its alloys.

The main advantages of Vestacast can be summarised as follows:

- 1) Excellent energy performance: high melting capacity with low energy consumption.
- 2) Uniform melting with very little loss of material. Considerable reduction in the finishing work when using the Vestacast.
- 3) Very compact. Easy to maintain and operate.

SPECIFICATIONS

| | |
|---------------|---------------------|
| Height | 360 mm |
| Width | 565 mm |
| Length | 640 mm |
| Weight | 55,500 kg |
| Voltage | 230 V 50/60 Hz |
| Power | 16 A (appr.) |
| Melting power | 2,6 kW 100 kHz |
| Water supply | 2 l./Min. (approx.) |

(L) 700 x (W) 670 x (H) 700 mm 72,000 kg

Cabinet for Vestacast casting machine Ref. 040062



640 mm
550 mm
550 mm 34 kg

(L) 700 x (W) 700 x (H) 880 mm 47,000 kg



Cooling circuit Ref. 040063

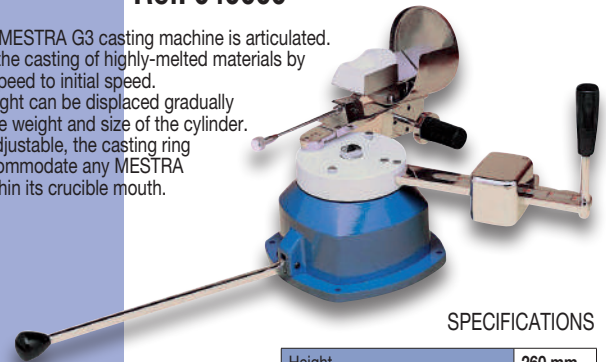
It is strongly recommended to cool the device through a direct connection to the water source. But in the case the device is installed in a room with no access to a water source, there is a closed cooling circuit available. The circuit, compact and small, is monitored automatically by the machine itself.

350 mm
450 mm
600 mm 8,100 kg

(L) 740 x (W) 680 x (H) 520 mm 16,100 kg

Mestra G3 casting machine Ref. 040000

The arm of the MESTRA G3 casting machine is articulated. This facilitates the casting of highly-melted materials by adding rotary speed to initial speed. The counterweight can be displaced gradually according to the weight and size of the cylinder. Being height-adjustable, the casting ring holder can accommodate any MESTRA casting ring within its crucible mouth.



SPECIFICATIONS

| | |
|-----------------------------|-----------|
| Height | 260 mm |
| Width | 205 mm |
| Depth | 530 mm |
| Weight | 13,000 kg |
| Diameter of rotation circle | 540 mm |

(L) 520 x (W) 300 x (H) 360 mm 14,000 kg

Not available for:
EU

Inox



SM-2 Cen motor casting machine (stainless steel) Ref. 040064

The SM-2 CEN-MOTOR is a new generation unit based on the existing SM-1. It features a robust, compact, high-rigidity chassis with a "floating cabin" system which substantially reduces vibration during the operation. The electronic control uses a microprocessor to regulate the starting motor torque and the casting time simply and accurately. The main features of the arm are its extraordinary lightness, its automatic return system to prevent losses on unexpected start-ups, and its capability to handle casting rings of up to 100 mm in diameter.



When the machine is working, the cabin door is blocked by a safety lock to prevent accidents.

Inox

Cabinet for casting machine Ref. 040065



Completely made in stainless steel with three 20 cm separated shelves.

625 mm
565 mm
605 mm 30 kg

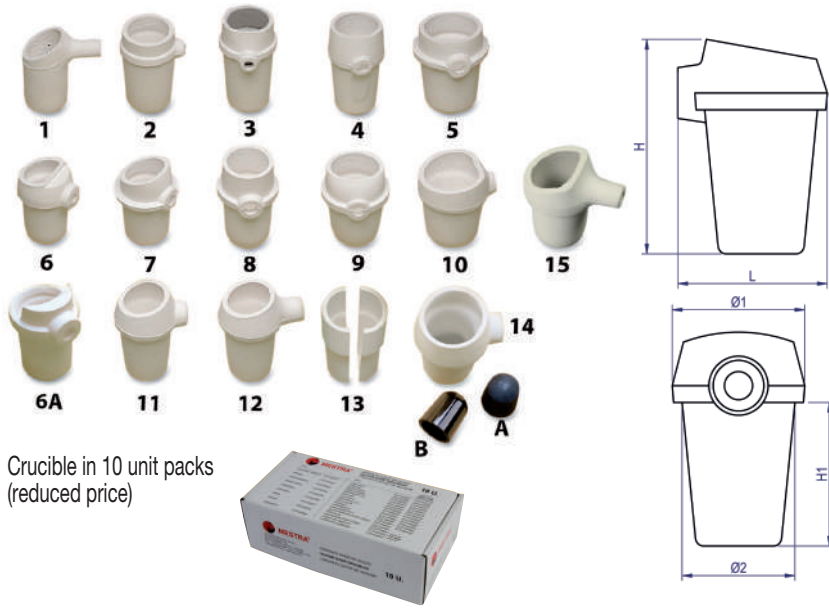
(L) 700 x (W) 700 x (H) 880 mm 45,000 kg

SPECIFICATIONS

| | |
|------------------------------|----------------|
| Height | 330 mm |
| Width | 600 mm |
| Depth | 560 mm |
| Weight | 40,000 kg |
| Voltage | 230 V 50/60 Hz |
| Monophasic motor Rated power | 370 W |

(L) 700 x (W) 700 x (H) 540 mm 51,000 kg

Silicon Oxide Crucibles

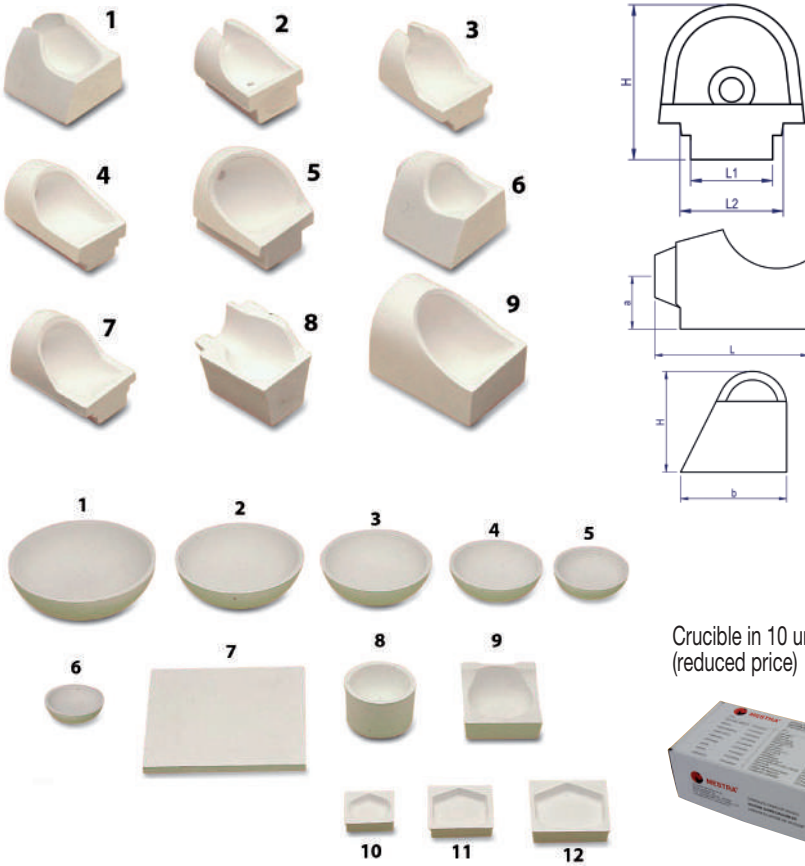


Crucible in 10 unit packs (reduced price)

All these crucibles are also made with double layer as shown in figure 3.

| N. | Ref. | Model Type | H | H1 | L | Ø1 | Ø2 | gr approx. | Double layer | gr approx. |
|-----|------------------------------------|--|----|----|----|----|----|------------|--------------|------------|
| 1 | 040548 | LINN DKV2 | 70 | - | 63 | 38 | 38 | 75 | 040568 | 91 |
| 2 | 040560 | LINN DK2 | 76 | 55 | 51 | 46 | 43 | 85 | 040570 | 80 |
| 3 | 040552 | DENTAURUM | 84 | 57 | 52 | 46 | 42 | 86 | 040572 | 102 |
| 4 | 040554 | BEGO FORNAX | 79 | 54 | 50 | 47 | 41 | 125 | 040574 | 140 |
| 5 | 040556 | MANFREDI C 35 | 77 | 53 | 61 | 59 | 50 | 160 | 040576 | 176 |
| 6 | 040558 | GALLONI | 65 | 45 | 46 | 42 | 35 | 79 | 040578 | 95 |
| 6 A | 040559 | GALLONI II | 64 | 42 | 45 | 42 | 34 | 66 | 040579 | 82 |
| 7 | 040560 | MANFREDI C 15 | 69 | 45 | 47 | 47 | 37 | 75 | 040580 | 91 |
| 8 | 040561 | DUCATRON | 77 | 49 | 48 | 46 | 38 | 98 | 040581 | 114 |
| 9 | 040564 | ERCCEMS | 68 | 45 | 50 | 50 | 43 | 79 | 040584 | 95 |
| 10 | 040566 | HOWMEDICA | 66 | 45 | 56 | 51 | 45 | 82 | 040586 | 98 |
| 11 | 040562 | DUCATRON SR. 3 | 76 | 51 | 53 | 47 | 40 | 87 | 040582 | 103 |
| 12 | 040563 | DUCATRON SR. 3 LENGTH PEAK | 76 | 51 | 63 | 47 | 40 | 104 | 040583 | 150 |
| 13 | 040565 | NAUTILUS | 81 | 51 | - | 47 | 41 | 104 | | |
| 14 | 040525 040526 = A 040527 = B | DUCATRON FOR CAP GRAPHITE CAP CARBON CAP | 74 | 47 | 53 | 46 | 38 | 91 | For gold | |
| 15 | 040587 | KRUP | 70 | 44 | 61 | 43 | 35 | | 040587 | 73 |

(L) 255 x (W) 130 x (H) 85 mm 1,350 kg approx.



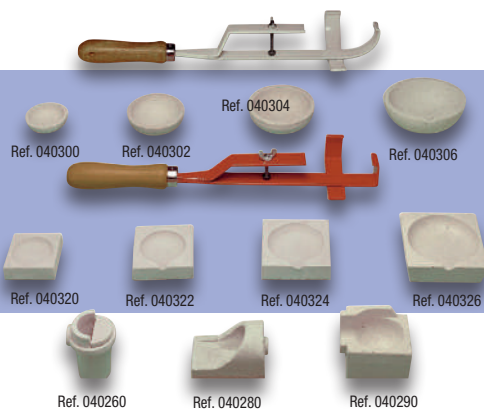
Crucible in 10 unit packs (reduced price)

| N. | Ref. | Model Type | H | L | L1 | L2 | a | b | gr approx. |
|----|--------|--------------|----|----|----|----|------|----|------------|
| 1 | 040530 | OPEN DEGUSSA | 47 | 72 | - | - | 25 | 50 | 172 |
| 2 | 040532 | KERR E | 46 | 69 | 33 | - | 27,5 | - | 120 |
| 3 | 040534 | OPEN KERR | 48 | 74 | 29 | 36 | 20 | - | 110 |
| 4 | 040536 | KERR LENGTH | 52 | 80 | 29 | 36 | 20 | - | 123 |
| 5 | 040538 | MANFREDI | 65 | 67 | 36 | - | 38 | - | 163 |
| 6 | 040540 | DEGUSSA | 47 | 72 | - | - | 28 | 50 | 166 |
| 7 | 040542 | KERR | 51 | 73 | 29 | 34 | 23 | - | 127 |
| 8 | 040544 | KRUPP | 50 | 65 | 31 | 43 | 36 | - | 135 |
| 9 | 040546 | CREUSETS | 60 | 92 | - | - | 30 | 58 | 257 |

| N. | Ref. | Model | Ø | H | a | b | gr approx. |
|----|--------|-------|-----|----|-----|-----|------------|
| 1 | 040588 | R160 | 160 | 44 | - | - | 485 |
| 2 | 040590 | R140 | 140 | 43 | - | - | 367 |
| 3 | 040592 | R120 | 120 | 42 | - | - | 288 |
| 4 | 040594 | R100 | 100 | 24 | - | - | 163 |
| 5 | 040596 | R80 | 80 | 21 | - | - | 101 |
| 6 | 040598 | R60 | 60 | 15 | - | - | 59 |
| 7 | 040600 | 170 | - | 10 | 170 | 170 | 512 |
| 8 | 040602 | R5 | 66 | 33 | - | - | 227 |
| 9 | 040604 | C90 | - | 20 | 68 | 70 | 191 |
| 10 | 040606 | C45 | - | 8 | 42 | 40 | 39 |
| 11 | 040608 | C56 | - | 9 | 55 | 56 | 64 |
| 12 | 040610 | C85 | - | 9 | 70 | 69 | 122 |

(L) 255 x (W) 130 x (H) 85 mm 1,350 kg approx.

Crucibles and crucible holders



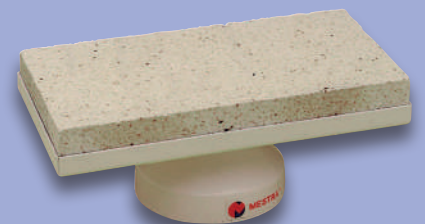
Accessories



Turntable (for welding)

Ref. 040500

Rectangular refractory ceramic plate



DIMENSIONS





Pre-heating furnaces

HP25 Ref. 080142
HP50 Ref. 080144
HP100 Ref. 080148



Extremely high performance pre-heating furnace family, composed of three models with different muffle capacity (2.5, 5 and 10 litres).

Made of stainless steel, the most convenient material for the extraordinary thermic requirements this kind of devices has to bear. The high quality of the muffle ensures an exceptionally long working life, even when continuously working at temperatures near 1100 °C.

When the thermocouple fails, the electronic control will announce it. This element is very economical and easy to replace by the user himself. On the other hand, the electronic control allows the programming of cycles composed of multiple parameters; you can define ramps and plateaus with temperatures, maintenance times, heating in a determined time or in degrees per minute. The memory can store up to twenty different programmes. The furnace is factory supplied with a ceramic tray.

Pre-heating furnaces Vulcano

HP25 Ref. 080133
HP50 Ref. 080135
HP100 Ref. 080139



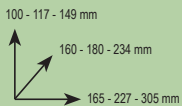
The Vulcano family of furnaces has been developed as an economical alternative to MESTRA's standard ovens. The only difference between a Vulcano oven and its equivalent in the standard range is in the electronic control, keeping the rest of the components and functions. Its LCD screen provides all the information necessary for programming and job monitoring.

The Vulcano benefits and characteristics perfectly fit the needs and expectations of most users at a very attractive price. The Vulcano line is available for all sizes of MESTRA furnaces.

| Model | HP25 | HP50 | HP100 |
|---------------------------|--------------------------------|--------|--------|
| Height | 465 mm | 500 mm | 525 mm |
| Width | 335 mm | 375 mm | 440 mm |
| Depth | 340 mm | 405 mm | 490 mm |
| Weight | 30 kg | 40 kg | 57 kg |
| Voltage | 230 V | 230 V | 230 V |
| Furnace power | 1500 W | 2000 W | 3000 W |
| Maximum temperature | 1100°C | 1100°C | 1100°C |
| Cylinder capacity 80 Ø mm | 2-3 | 4-6 | 8-12 |
| | (L) 700 x (W) 540 x (H) 730 mm | 38 kg | 49 kg |
| | | 49 kg | 67 kg |

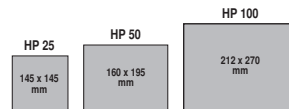


Dimensions of the muffles



Capacity in litres: 2.7 - 4.8 - 10.6
Vent hose: Ø 38 mm

Furnace internal tray:



50D Pre-heating furnace

Ref. 080130



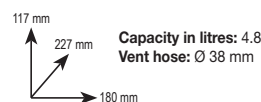
It is perfect for those works that do not require a classical programming cycle of ramps and plateaus.

Just select the set point temperature, and the furnace will start heating directly until this temperature is reached. Then, this temperature will be kept for a time programmed by the user.

Its digital controls ensure an amazing temperature accuracy and prevent the effects of thermal inertia. Besides, it features a connection for an external catalytic converter, and this element will operate from the beginning of the cycle up to the stopping temperature programmed by the user.

Tank capacity: 4.8 litres
(4 to 6 Ø 80 casting rings)

Dimensions of the muffles



Capacity in litres: 4.8
Vent hose: Ø 38 mm

| | |
|------------------|---------|
| Height | 440 mm |
| Width | 375 mm |
| Depth | 405 mm |
| Weight | 38 kg |
| Furnace power | 2000 W |
| Max. temperature | 1100 °C |

(L) 700 x (W) 540 x (H) 730 mm 42 kg

Smoke extractor

for furnaces Ref. 080125



With this device, you will succeed in getting rid of furnace gases generated in the muffle in a continuous and smooth way. It is made in stainless steel. If it is connected to the HP 25, 50, 100, Furnace socket, the extractor runs with programmed disconnection between 75°C and 850°C.

| | |
|--------|---------|
| Height | 350 mm |
| Width | 120 mm |
| Depth | 155 mm |
| Weight | 3 kg |
| Ø hose | 38.5 mm |

(L) 430 x (W) 270 x (H) 270 mm 5 kg

Smoke catalytic converter

for furnaces Ref. 080124



Simple device attached to the smoke vent of any pre-heat furnace to remove gases and combustion residues that are generated in the furnace as a result of the combustion of waxes and other materials.

| | |
|--------|--------|
| Height | 380 mm |
| Width | 185 mm |
| Weight | 5.3 kg |
| Power | 600 W |
| Fuse | 4 A |

(L) 520 x (W) 300 x (H) 360 mm 6 kg

Furnace for ceramics Ref. 100249



● Vacuum pump included

Renewed version of the well-known **MESTRA** porcelain oven. Fully automatic, compatible with the different types of porcelain in the market. It includes a high-vacuum pump. It features a wide display with complete information about the process given by the programme. It can store multiple programmes and modify parameters such as temperature and drying time, heating speed, maximum temperature, maintenance and cooling time, vacuum times and levels, etc.



All these parameters allow defining the ideal cycle for each material and obtaining a perfect result. The temperature can be calibrated in order to improve the accuracy. The furnace has different alarms to warn about any anomaly (breakage of thermocouple or resistor, failure in the vacuum-system, etc.)

The furnace is factory supplied with the following accessories:

- 1 vacuum pump
- 1 heating platform
- 1 calibration kit
- 1 tray

SPECIFICATIONS

| | |
|----------------------|---------------------------------|
| Height | 426 mm |
| Width | 320 mm |
| PDepth | 392 mm |
| Weight | 24 kg |
| Maximum temperature | 1200 °C |
| Maximum vacuum | -97 KPa |
| Number of programmes | 200 |
| Voltage | AC 220 V. +-10 % 50 Hz. 15 A |
| Consumption | ≤1.5 kW +-10 % |

 (L) 700 x (W) 540 x (H) 1000 mm  34,000 kg

Casting ring cleaner/Wax remover

Ref. 080068





6 Casting rings 3x

Practical device designed to remove the wax from the casting rings before inserting them into the pre-heating furnace. This simple and quick operation prevents the fumes and bad odours produced by the wax when burning inside the furnace. Its operation is simple: just fill the tank with water up to the tray and place the casting rings inside. A powerful resistor will heat the water up in a few minutes until the wax is melted by the action of the steam. The working temperature can be regulated at will by means of a thermostat. Besides, the machine can be used for other operations that require a tank full of warm water at a given temperature, for instance thermal-polymerization of small elements. The machine is made completely of stainless steel, material which ensures a quick cleaning and a superb resistance to corrosion.

A basket for the casting rings and a stainless steel lid are included.

SPECIFICATIONS

| | |
|---------|-----------------|
| Height | 245 mm |
| Width | 400 mm |
| Depth | 230 mm |
| Weight | 5 kg |
| Voltage | 230 V, 50/60 Hz |
| Power | 750 W |

 (L) 520 x (W) 300 x (H) 360 mm  6,000 kg

¡Safe wax!

Wax is recovered thanks to the lower tray, so it can be reused.



Microwave oven for zirconium Ref. 080114



Microwave sintering furnace for zirconium prostheses.

Advantages:

- Minimum total sintering time of only 4 hours.
- The temperature is reached more uniformly, resulting in a stronger sintered structure.
- Maintenance savings (less power, fewer components, without the fragile and expensive resistances of molybdenum silicate).
- Very low consumption (800/1100 W).
- Allows several production cycles on the same day.
- Very easy to operate.
- Much smaller than conventional ovens.
- The housing practically does not get hot.

The oven is supplied with all necessary accessories for immediate start-up.

ADVANTAGES OF MICROWAVE SINTERING



BREAKAGES ARE AVOIDED



TIME SAVING



ENERGY SAVING



SAVINGS ON MAINTENANCE



RETRENCH OF SPACE



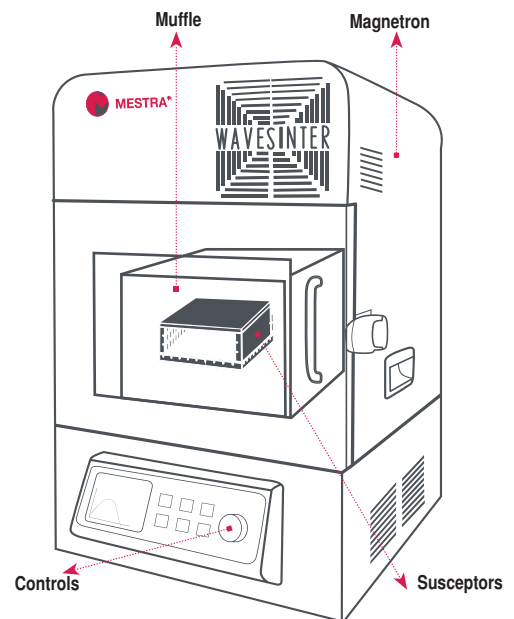
INTUITIVE OPERATION



GREATER PRODUCTION CAPACITY



QUALITY IMPROVEMENT



SPECIFICATIONS

| | |
|------------|-----------------|
| Height | 547 mm |
| Width | 440 mm |
| Depth | 385 mm |
| Weight | 31 kg |
| Voltage | AC 230 V, 50 Hz |
| Power | 2000 W |
| Max. temp. | 1550 °C |

Consumables and accessories



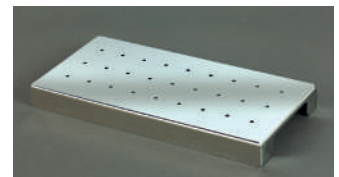
080114-07 Tray



080114-09 Beads (100 g)



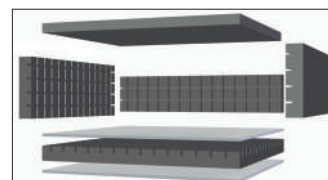
080114-10 Tray tool



080114-11 Tray support



080114-12 Temperature sensor



080114-13 Kit susceptors + plates

Casting rings and cones



CASTING RINGS

- Ref. 040110 = Ø 30 x 60 mm 1X
- Ref. 040111 = Ø 40 x 60 mm
- Ref. 040112 = Ø 50 x 60 mm 3X
- Ref. 040113 = Ø 60 x 60 mm 6X
- Ref. 040114 = Ø 70 x 60 mm
- Ref. 040115 = Ø 80 x 60 mm 9X
- Ref. 040116 = Ø 30 x 45 mm
- Ref. 040117 = Ø 40 x 45 mm

Casting rings and cones



CASTING RINGS

- Ref. 040118 = Ø 27 x 55 mm (1X)
- Ref. 040119 = Ø 45 x 55 mm (3X)
- Ref. 040120 = Ø 62 x 55 mm (6X)
- Ref. 040121 = Ø 77 x 55 mm (9X)

CONE

- Ref. 040122 = (1X)
- Ref. 040123 = (3X)
- Ref. 040124 = (6X)
- Ref. 040125 = (9X)

Plastic casting rings



CASTING RINGS

- Ref. 040150
- Ref. 040170
- Ref. 040195

CASTING RINGS

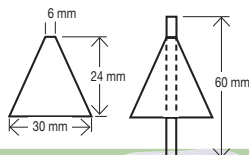
- Ref. 040155
- Ref. 040180
- Ref. 040200

CASTING RINGS

- Ref. 040160
- Ref. 040190
- Ref. 040205

Polyethylene cones

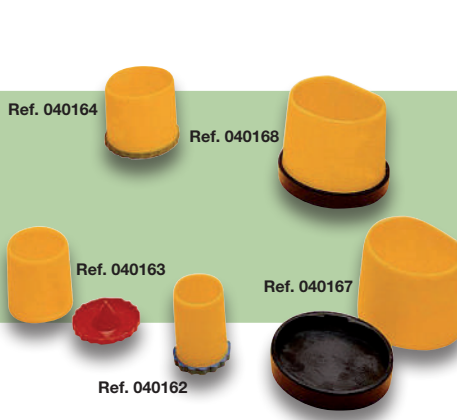
Injected polythethylene cones for the duplication technique in removable chrome cobalt prostheses. Waste-free calcination.



100 units cones only
Ref. 040208

10 units cones with runner in a stainless steel tube:
Ref. 040207

Silicone casting rings



Ref. 040164

Ref. 040168

Ref. 040163

Ref. 040167

Ref. 040162

Silicone casting rings (oval)

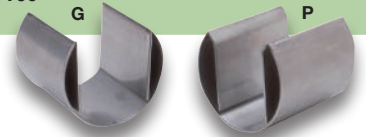


Ref. 040166

Ref. 040165

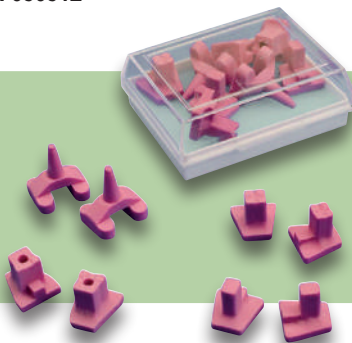
Oval casting ring adapter (for casting machine) 2 unit set

Ref. 040169



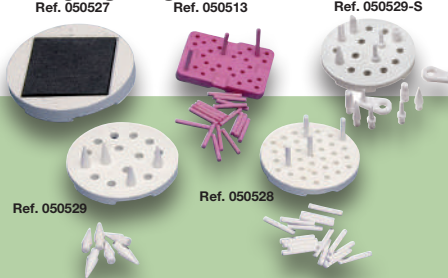
Firing pegs

Ref. 050512



Ref. 050512 (L) 58 x (W) 45 x (H) 20 mm 0,030 kg

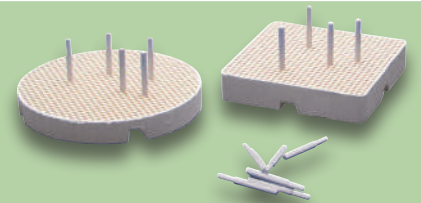
Trays for furnace



| | | | |
|---------------|--------------|---------------------------|----------|
| Ref. 050527 | Carbon | Ø 67 x 12 mm □ 45 x 45 mm | 0,063 kg |
| Ref. 050529 | Conic pin | Ø 67 x 10 mm | 0,043 kg |
| Ref. 050528 | Round pin | Ø 67 x 12 mm | 0,046 kg |
| Ref. 050513 | Rose | 59 x 17 x 6 mm | 0,039 kg |
| Ref. 050529-S | Assorted pin | Ø 68 x 10 mm | 0,060 kg |

Set of ceramic firing trays

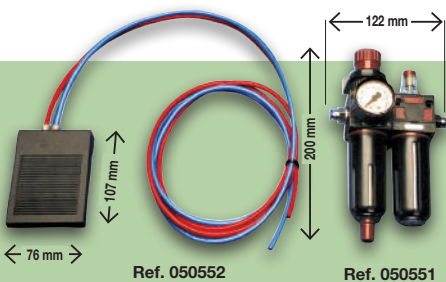
Ref. 050530



(L) 154 x (W) 102 x (H) 34 mm 0,181 kg

Filter regulator

Ref. 050551

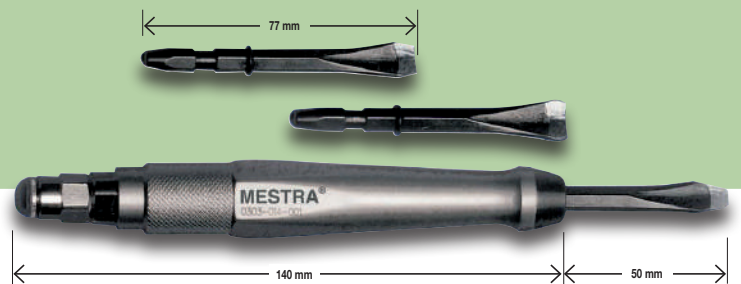


Ref. 050552

Ref. 050551

Pneumatic chisel Ref. 050550

Essential tool for a quick cleaning off of models. It has air flow regulation; ergonomic shape; made in corrosion-free materials; small size. It has been designed to reduce vibrations and sound level to a minimum level. Three chisel heads with different sizes and shapes are included. There is also a Filter Regulator and Oiler Attachment Kit and a Starting Pedal. The air connection hose is Ø 6 mm.



Pneumatic chisel starting pedal

Ref. 050552



Vacuum forming machine Ref. 080542

It is cheap, easy to use and has an attractive design. It has a powerful aspiration motor with automatic connection when the sheet holder goes down. The carbon heater allows a progressive and uniform heating of the material that is going to be formed. It can be used with square sheets. The machine is supplied with a plane model holder and with a basket that can be filled with grit (a can is included with the machine) so forming depth is reduced.

Sheets \square from 125 to 134 mm
 Sheets \circ from 125 to 134 mm
 (adapter available for \circ 120, not included)

(L) 300 x (W) 270 x (H) 430 mm 6 kg

| | |
|--------|--------|
| Height | 310 mm |
| Width | 275 mm |
| Depth | 260 mm |
| Weight | 4.6 kg |
| Power | 925 W |



Standard square thermoforming sheets of 127 x 127 mm.

Made of high quality plastic with FDA approval and CE marking certifications.

There is no soot, nor fumes during the heating. As they do not contain recycled materials, they do not tear while subjected to vacuum.

They are available in a wide range of thickness and types.

Thermoforming sheets

| Ref. | Type | Thickness | Amount | Weight | (L) x (W) x (H) mm |
|--------|---------|-----------|--------|--------|--------------------|
| 080563 | Hard | 0.5 mm | 50 | 0.6 kg | 131 x 131 x 44 mm |
| 080564 | Hard | 0.75 mm | 25 | 0.4 kg | 131 x 131 x 34 mm |
| 080565 | Hard | 1 mm | 25 | 0.6 kg | 131 x 131 x 34 mm |
| 080566 | Hard | 1.5 mm | 25 | 0.9 kg | 131 x 131 x 44 mm |
| 080567 | Hard | 2 mm | 12 | 0.5 kg | 131 x 131 x 34 mm |
| 080568 | Soft | 0.5 mm | 25 | 0.2 kg | 131 x 131 x 15 mm |
| 080569 | Soft | 1 mm | 12 | 0.2 kg | 131 x 131 x 15 mm |
| 080570 | Soft | 1.5 mm | 12 | 0.3 kg | 131 x 131 x 34 mm |
| 080571 | Soft | 2 mm | 12 | 0.4 kg | 131 x 131 x 34 mm |
| 080572 | Bruxism | 3 mm | 8 | 0.4 kg | 131 x 131 x 34 mm |
| 080573 | Sports | 4 mm | 6 | 0.4 kg | 131 x 131 x 34 mm |



Pressure former PlastPress

Ref. 080544

The most compact positive pressure machine on the market. Greater accuracy in the forming process and lower noise compared to vacuum machines.

Practical and versatile, it accepts round and square sheets up to 6 mm thickness. It must be connected directly to a compressor (between 3 and 8 bar).

Sheets \square from 125 to 131 mm
 Sheets \circ from 120 a 134 mm

(L) 310 x (W) 270 x (H) 310 mm 8.5 kg

| | |
|--------|--------|
| Height | 270 mm |
| Width | 235 mm |
| Depth | 265 mm |
| Weight | 7.5 kg |
| Power | 450 W |

Thermoforming sheets

Standard square and round thermoforming sheets. Made of high quality plastic with CE marking certification as medical device. There is no soot, nor fumes during the heating. As they do not contain recycled materials, they do not tear while subjected to vacuum. They are available in a wide range of thickness and types. Sold in metallic packaging with vacuum closure.



| Ref. | Type | Hardness | Appearance | Size | Thickness | Qty. |
|---------|---------|----------|-------------|----------------|-----------|------|
| 080574 | Crystal | Hard | Transparent | 126x126 mm | 0.3 mm | 10 |
| 080575 | Crystal | Hard | Transparent | 126x126 mm | 0.75 mm | 5 |
| 080576 | Crystal | Hard | Transparent | 126x126 mm | 1.0 mm | 5 |
| 080577 | Crystal | Hard | Transparent | 126x126 mm | 1.5 mm | 5 |
| 080578 | Crystal | Hard | Transparent | 126x126 mm | 2.0 mm | 5 |
| 080579 | Milky | Hard | Translucent | 126x126 mm | 0.6 mm | 10 |
| 080580 | Soft | Soft | Translucent | 131x131 mm | 1.0 mm | 10 |
| 080581 | Soft | Soft | Translucent | 131x131 mm | 1.5 mm | 10 |
| 080582 | Soft | Soft | Translucent | 131x131 mm | 2.0 mm | 10 |
| 080583 | Soft | Soft | Translucent | 131x131 mm | 3.0 mm | 5 |
| 080584 | Soft | Soft | Translucent | 131x131 mm | 4.0 mm | 5 |
| 080574R | Crystal | Hard | Transparent | \circ 125 mm | 0.3 mm | 10 |
| 080575R | Crystal | Hard | Transparent | \circ 125 mm | 0.75 mm | 5 |
| 080576R | Crystal | Hard | Transparent | \circ 125 mm | 1.0 mm | 5 |
| 080577R | Crystal | Hard | Transparent | \circ 125 mm | 1.5 mm | 5 |
| 080578R | Crystal | Hard | Transparent | \circ 125 mm | 2.0 mm | 5 |
| 080579R | Milky | Hard | Translucent | \circ 125 mm | 0.6 mm | 10 |
| 080580R | Soft | Soft | Translucent | \circ 125 mm | 1.0 mm | 10 |
| 080581R | Soft | Soft | Translucent | \circ 125 mm | 1.5 mm | 10 |
| 080582R | Soft | Soft | Translucent | \circ 125 mm | 2.0 mm | 10 |
| 080583R | Soft | Soft | Translucent | \circ 125 mm | 3.0 mm | 5 |
| 080584R | Soft | Soft | Translucent | \circ 125 mm | 4.0 mm | 5 |



Pressure former

Ref. 080543

The strong pressurization allows precise molding, regardless of the cut of the model, as well as various thicknesses (0.5 to 4.0 mm).

Square and round sheets (127, 125, 120 mm) can be used.

| | |
|----------|---------|
| Height | 545 mm |
| Width | 410 mm |
| Depth | 260 mm |
| Weight | 15 kg |
| Power | 450 W |
| Pressure | 4-6 bar |

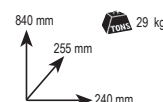


Dental polyamide injector

Ref. 080560

Dental polyamide injecting machine of compact design. It can inject 7/8" (22.5 mm) cartridges, but there is a version that injects 1" cartridges, available upon request. The electronic controls allow operating in automatic and manual modes, and thoroughly adjust the injection temperature, so achieving perfect results. It features a pneumatic system to cool down the piston in order to shorten the cycles. The thorough adjustment between piston and casing prevents seizing up in case of breaking the cartridge. The MESTRA polyamide injector can be used in different positions (hanging on the wall, lying standing on the table), taking minimum space. Factory supplied with two aluminium flasks and a demolding spray.

Supplied with two flasks Ref. 020210



| | |
|----------|----------|
| Power | 1100 W |
| Pressure | 6/8 bars |

(L) 950 x (W) 600 x (H) 500 mm 43 kg

Inox

Aneto II gel mixer

Ref. 080512



Attractive and reliable gel mixer featuring state-of-the-art technology: tank heating by lateral and bottom resistors, which prevents gel from burning due to too high temperatures; belt driven system which allows an extremely smooth and silent operation; oxide free casing, made of stainless steel and polyurethane; high capacity (7 litre tank); state of the art electronic controls allowing multiple adjustments...

A complete machine designed to work without problems for many years.

| | | | |
|--------|--------|----------|----------------|
| Height | 465 mm | Voltage | 230 V 50-60 Hz |
| Width | 330 mm | Power | 650 W |
| Depth | 385 mm | Speed | 100 rpm |
| Weight | 14 kg | Capacity | 7 l |

(L) 510 x (W) 480 x (H) 660 mm 18 kg

Inox

Gel Bat 6 gel mixer

Ref. 080510



The MESTRA gelatine mixer is made of stainless steel. The control microprocessor offers the user a wide range of options, such as pre-programming gelatine temperature for a given time.

Also we can change from pouring temperature C1 (75°C - 95°C) to maintenance temperature C2 (35°C - 65°C), or viceversa, simply by pressing the button. The torque of the motor is high, so it can be easily started even if the tank is full (the gelatine cut into pieces).

It has all safety features required by the CE mark, including:

- Motor thermal relay
- Overheating probe
- Door micro
- Main fuse

| | | | |
|--------|--------|-----------|---------------------------------|
| Height | 500 mm | Voltage | 230 V 50-60 Hz |
| Width | 320 mm | Power | 700 W |
| Depth | 320 mm | Speed | 70 rpm (50 Hz) - 84 rpm (60 Hz) |
| Weight | 15 kg | Capacidad | 6 l |

(L) 600 x (W) 420 x (H) 440 mm 18 kg

Drying oven Ref. 080118

for thermoforming sheets



A fan circulates the hot air producing an uniform drying.

- Draws out moisture and keeps dry thermoforming sheets, to avoid the formation of pores.
- Instrument drying.
- Drying of plaster models, etc.
- 6 stainless steel trays.
- Stainless steel housing.
- 24 hour timer.

| | |
|-------------|-----------|
| Height | 310 mm |
| Width | 340 mm |
| Depth | 450 mm |
| Weight | 8.3 kg |
| Power | 550-650 W |
| Temperatura | 35-75°C |

Spot welding machine

Ref. 100127



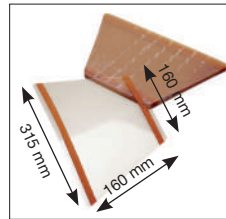
Its small size means it can be installed anywhere. It has a full set of exchangeable electrodes, making it easy to find the best way to adapt to the job in question. The machine is controlled electronically, which practically eliminates sparks between electrodes on machines without a control system of this type. Power can be selected from among 30 different levels to adapt to the thickness of the material to be welded. The machine is supplied with an accessory for the heating up of wire arcs, and two flexible cables to perform manual welds.

| | |
|---------------|--------|
| Height | 160 mm |
| Width | 220 mm |
| Depth | 335 mm |
| Weight | 5.5 kg |
| Power | 600 W |
| Earthing plug | |

(L) 470 x (W) 300 x (H) 160 mm 7.5 kg

Planetarium Plus IV Sandblaster

(with heater) Ref. 080246

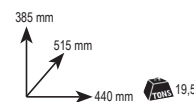


Ref. 080242-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

- Ø 1,25 mm
- Ø 1 mm +
- Ø 1 mm
- Ø 0,75 mm

Heating element



| | |
|----------------------|----------------|
| Operating pressure | 2 a 6 bars |
| Max. air Consumption | 80 l /min |
| Voltage | 230 V 50-60 Hz |
| Consumption | 115 W |

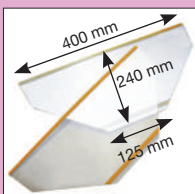
(L) 740 x (W) 520 x (H) 550 mm 32,000 kg

Galaxy Sandblaster

Ref. 080235

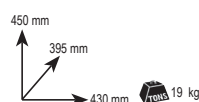
Sandblaster totally made in stainless steel. It has a removing spinning basket for the automatic skeletons blasting, and a 3 mm. diameter static nozzle.

In the automatic performance mode, the basket spins and the nozzle blows for a time —set by the user— between one up to 30 minutes. Also it is possible to blast in a mode just pressing a button. The sand tank is over dimensioned to load a big quantity of sand, enlarging this way the automatic cycle time. The wide window allows a great vision of the cabinet inside. The glass is protected against abrasion by a plastic coat. The machine is supplied with a Boron Carbide nozzle (C4B) a material with more much abrasion resistance than the traditional tungsten; and with two plastic foils to protect the glass.



Ref. 080235-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.



| | |
|-------------------------|--------------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 90 l. /min. a 5 b. |
| Voltage | 230 V 50-60 Hz |
| Consumption | 15 W |

(L) 700 x (W) 540 x (H) 730 mm 28,000 kg

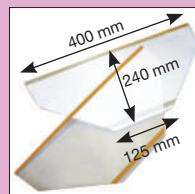
Cosmos Sandblaster

Ref. 080233

Based on the popular MESTRA's Galaxy model, the COSMOS sandblaster includes two micro-blasting nozzles similar to those used in the Constellation model, becoming a unique and powerful device with a Ø 3 mm fixed nozzle and micro-blasting tools. You save the space and money required to buy two different devices separately. It is completely made of stainless steel. Factory supplied with a Ø 3 mm boron carbide fixed nozzle, two tank/nozzle sets and a set of glass-protection covers (Ref. 080235-50). Ergonomic pedal and blowing nozzle.

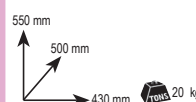


- Sand tanks included
- Boron carbyde NOZZLES of 3 mm.
- Mobile guns with 1 and 1,25 mm. NOZZLES



Ref. 080235-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.



| | |
|-------------------------|--------------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 90 l. /min. a 5 b. |
| Voltage | 230 V 50-60 Hz |
| Consumption | 10 W |

(L) 700 x (W) 540 x (H) 730 mm 28,500 kg

Plutón Sandblaster *stainless steel*

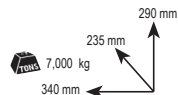
2 Tanks Ref. 080253

Depth 235 mm

Height 290 mm

Weight 340 mm

- 2 Mobile guns
- 1 Pedal
- LED lamps

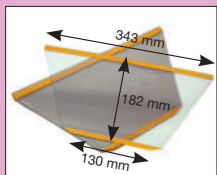


Ref. 080253-50

Easy to place self-adhesive Protective Cover. Packs of 10 units.

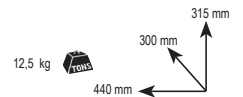
| | |
|-------------------------|----------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 80 l. /min. |
| Voltage | 230 V 50-60 Hz |
| Consumption | 20 W |

(L) 490 x (W) 475 x (H) 490 mm 9,500 kg



Constellation Practic Sandblaster *epoxy paint*

2 Tanks Ref. 080259

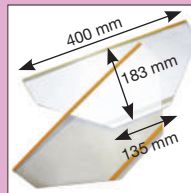


Ref. 080262-50

Easy to place self-adhesive Protective Cover. Packs of 10 units.

| | |
|-------------------------|----------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 80 l. /min. |
| Voltage | 230 V 50-60 Hz |
| Consumption | 20 W |

(L) 700 x (W) 540 x (H) 730 mm 20,000 kg



Inox

Constellation Sandblaster *stainless steel*

2 Tanks Ref. 080262 3 Tanks Ref. 080263
4 Tanks Ref. 080264

The Constellation family comprises a range of modular sandblasters that are able to adapt to the needs of most professionals. Their models have 2, 3 and 4 sand tanks so this machine is a very versatile tool in the dental lab.

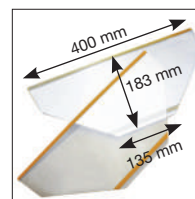
The main features of the "Constellation" Sandblasters are the following:

- Stainless Steel Chassis AISI 304 with a broad glass window.
- Blowing gun inside the cabinet, very useful when cleaning.
- Lighting system with fluorescent lamp.
- Modular system, so it can be extended in the future.
- Tank changing valve inside the cabinet.
- Relief valve that stops air flow when the pedal is released, so sand is saved.
- Ergonomic pedal connected to the machine by flexible tube.

- Ø 1,25 mm
- Ø 1 mm +
- Ø 1 mm
- Ø 0,75 mm

Constellation Sandblaster *epoxy paint*

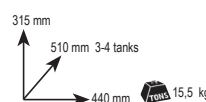
2 Tanks Ref. 200262 3 Tanks Ref. 200263
4 Tanks Ref. 200264



Ref. 080262-50

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

| | |
|-------------------------|----------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 80 l. /min. |
| Voltage | 230 V 50-60 Hz |
| Consumption | 20 W |



(L) 700 x (W) 540 x (H) 730 mm 23,000 kg

Eclipse II Sandblaster Ref. 080220

Cabin entirely made of ABS of reduced dimensions maintaining the amplitude in the work area and with a substantial improvement in lighting. They have two mobile micro-blasting nozzles and, in the hopper version, a large sand tank and a 3 mm static gun.



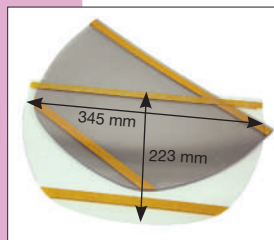
The pneumatic components employed by the Eclipse sandblaster family have been chosen from the high-end industrial range. This guarantees a long, problem-free life, as long as all recommended maintenance procedures are carried out.

To work comfortably, it's essential to have optimal visibility. The Eclipse sandblasters offer complete vision through a large window. Almost 80% of the upper cover of the cabin is glass. The position of your hands and back is also very comfortable when it comes to choosing a good viewing angle.



Eclipse II-T Sandblaster Ref. 080228

Same characteristics as Eclipse II, and with a large sand hopper and a 3 mm static gun.



Ref. 080220-12

Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

| Ref. | 080220 | 080228 |
|-------------------------|-----------|-----------|
| Height | 330 mm | 490 mm |
| Width | 360 mm | 360 mm |
| Depth | 450 mm | 450 mm |
| Weight | 5,7 kg | 7,7 kg |
| Maximum air consumption | 80 l/min | 100 l/min |
| Operating pressure | 2 a 5 bar | 2 a 5 bar |
| LED inside light | | |

Eclipse Automatic Sandblaster Ref. 080218

Made entirely of technical plastic, a highly resistant material, easy to clean and without oxidation. It allows to place it in any corner of the laboratory.



The basket can be easily uncoupled from the drive shaft, which simplifies the preparation of the works.



The skeletons are deposited in a basket that rotates by the action of a motor.

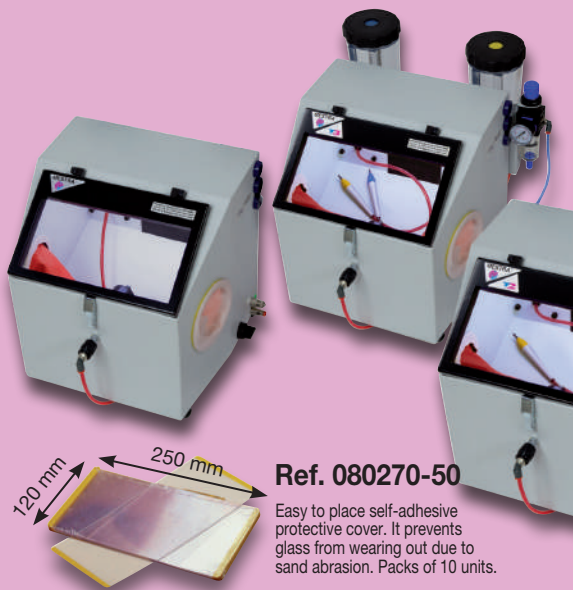


The blowing nozzle is adjustable in the three dimensions of space.



Hopper capacity up to 8 kg of sand.

| | |
|-------------------------|------------|
| Height | 430 mm |
| Width | 320 mm |
| Depth | 310 mm |
| Weight | 5.5 kg |
| Maximum air consumption | 90 l/min. |
| Operating pressure | 2 a 5 bar. |
| LED inside light | |

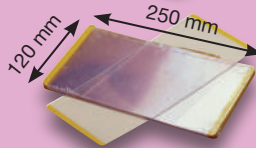


Terra Sandblaster

Terra I Ref. 080292
Terra II Ref. 080294
Terra III Ref. 080296

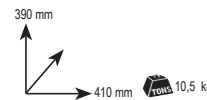
Similar features to those of the T1-T2-T3 well known models, but with a major difference: TERRA sandblasters have a bigger chamber and a LED lighting. Besides, the position of the holes to insert the hands has been modified to allow a more ergonomic operation. The name of the three models is still similar:

- TERRA I** It features just a fixed nozzle
- TERRA II** It features a fixed nozzle and a tank for micro-blasting
- TERRA III** It features a fixed nozzle and two tanks for micro-blasting.



Ref. 080270-50

Easy to place self-adhesive protective cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.



| | |
|-------------------------|----------------|
| Operating pressure | 2 a 5 bars |
| Maximum air consumption | 100 L /min. |
| Voltage | 230 V 50-60 Hz |
| Consumption | LED 6 W |

(L) 490 x (W) 460 x (H) 480 mm 12,000 kg



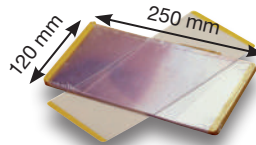
T1, T2, T3 Sandblaster

Ref. 080270 = T-1
Ref. 080280 = T-2
Ref. 080290 = T-3

This is a compact and economical family of Sandblasters. All of them are equipped with a fixed nozzle of 3 mm diameter with sand re-flow system. The T2 model also has a 1,25 mm mobile nozzle. The T3 model has two mobile nozzles of 1 and 1,25 mm. Switching between tanks is made thanks to a pneumatic valve. All models have interior LED lighting. Dimensions, appearance and finish are similar.

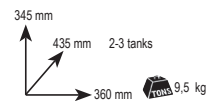
Sandblaster (no fixed nozzle)

Ref. 080269 = T-1
Ref. 080279 = T-2



Ref. 080270-50

Easy to place self-adhesive protective cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units



| | |
|-------------------------|----------------|
| Operating pressure | 2 to 5 bar |
| Maximum air consumption | 100 L /min. |
| Voltage | 230 V 50-60 Hz |
| Consumption | LED 6 W |

(L) 490 x (W) 460 x (H) 480 mm 10,500 kg

Microblasting module (pressure reducer and pedal)

Ref. 080251

It is supplied with A 1,25 mm nozzle (0,75 mm or 1 mm optional). The machine also has a pressure reducer, operation pedal and pressure gauge, so it is precise and safe to use. The support is made in stainless steel sheet.



(L) 430 x (W) 270 x (H) 270 mm 3,000 kg

Microblasting unit

(Lab) Ref. 100122

| | |
|----------|-----------------------------|
| Oxide | 50 / 100 micras |
| Pressure | 4 a 5,5 kgf/cm ² |



(L) 195 x (W) 110 x (H) 45 mm 0,265 kg



50 µm
Ref. 080315

100 µm
Ref. 080316

150 µm
Ref. 080317

250 µm
Ref. 080318

Aluminium oxide (4 kilos)

Product of the highest purity (more than 99 %) and excellent grain with marked sharp edges for perfect abrasion. It is sold in 4 kg cans with particle sizes of 50, 100, 150 and 250 microns. Moisture free. Essential in any dental laboratory to remove plaster remains and abrasion from all types of materials.

Glass microsphere (3 kilos)

Very high quality product. The spheres have great uniformity in size and resistance to impact, avoiding breakage. Unlike the sharp edges of aluminum oxide, the blunt surface of the microspheres causes the ridges of the material to be treated to be crushed. The result is a shiny and smooth surface with a soft touch. Ideal for the treatment of dental metals and alloys. It is sold in 3.3 kg cans.




50 µm
Ref. 080312

Microchamber

for automatic sandblasting of metallic structures

Ref. 050585

(L) 49 x Ø 33 mm  0,01 kg



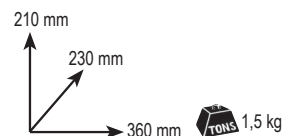
Three replacement upper caps for sandblasting microchamber

Ref. 050586-01




Work box Ref. 060210

- Made of transparent injected plastic.
- Prevents losses of precious metal powder.
- Prevents eye accidents due to flying particles, and considerably reduces inhalation of harmful dust.




Pressure air nozzle

Ref. 050220 (for Ø 8)

Ref. 050220 (L) 122 x Ø 25 mm  0,08 kg




Ref. 050221 (for Ø 6)

Ref. 050221 (L) 105 x Ø 25 mm  0,08 kg



Ref. 050222 (for Ø 4)

Ref. 050222 (L) 125 x Ø 25 mm  0,09 kg



Ref. 060210  (L) 520 x (W) 300 x (H) 355 mm  3 kg

Work box *Orión* Ref. 080214

Seldom has a product aimed at dental professionals been built with such suitable dimensions as the Orión dust extraction box. Its size is small enough to fit any spot, yet wide enough to be able to work without restrictions.

Common elements in the 2 models:

- High luminosity LED lamp.
- Absence of shadows inside.
- Ergonomic work position.
- Optimal absorption of powder by means of external suction (not included).
- Easy cleaning.





Docking coupling with Jeb type suction.



The suction hood is strategically located so that it doesn't obstruct. The hood is connected to an external suction tube at the rear through a pivotable outlet. Furthermore, detachable boxes collect the dust that could fall through the hand rests.

| | | | |
|--------|--------|--------|--------|
| Height | 300 mm | Length | 330 mm |
| Width | 360 mm | Weight | 2.6 kg |

| |
|--|
|  (L) 490 x (W) 460 x (H) 480 mm |
|  5.3 kg |





- 1) Remove elbow tube (rear outlet)
- 2) Shipyard tube placement.



Finishing box *Eclipse* Ref. 080216

Similar in dimensions, purpose and appearance to the MESTRA Orion (Ref. 080214), but with a more closed design. MESTRA Orion (Ref. 080214), but with the peculiarity that its design is more closed. Particularly recommended for those tasks where a greater amount of dust and/or gases may be generated. Ergonomics, lighting and practicality are maintained with respect to the Orion model.

| | | | |
|--------|--------|--------|--------|
| Height | 275 mm | Length | 330 mm |
| Width | 360 mm | Weight | 2.8 kg |

| | |
|--|--|
|  (L) 480 x (W) 370 x (H) 320 mm |  3.8 kg |
|--|--|

Finishing box *Eclipse* with built-in suction Ref. 080217

This box has similar features to the "Eclipse revision booth" (Ref. 080216), but with the particularity of integrating its own suction unit. Its small dimensions make it ideal in places with little space, where it is important to keep the environment clean without the need for bulky suction equipment. If necessary, the machine can be connected to an external extraction source.





Front



Back

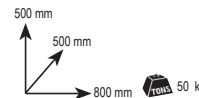
| | | | |
|--------|--------|--------|--------|
| Height | 275 mm | Length | 400 mm |
| Width | 360 mm | Weight | 2,8 kg |

| | |
|--|--|
|  (L) 410 x (W) 370 x (H) 370 mm |  3,800 kg |
|--|--|

Polisher with suction Ref. 080500

The MESTRA polishing box is a compact, functional machine made entirely in stainless steel. It has two rubber screens in the polishing area to collect heavy particles. It is equipped with lighting LED and suction. It meets the most stringent regulations regarding safety and environment:

- General protection by means of fuses.
- Safeguard against unwanted start-ups in the absence of electrical power by means of a safety switch with manual reset.
- Silent self-contained suction unit (67 dB) with collection of particles by filter.
- Lighting by means of two antifatigue lamps.



SPECIFICATIONS

| | |
|---------------|------------------------------------|
| Voltage | 230 V 50/60 Hz |
| Power (appr.) | 800 W |
| Speed rpm | 1500/3000 50 Hz 1800/3600 60 Hz |
| Suction power | 500 m ³ /h |

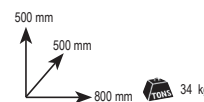
(L) 950 x (W) 600 x (H) 680 mm **61 kg**

Box with suction for polishing Ref. 080502

This box with suction for polishing gives excellent value for money, and provides an economical way to adapt laboratory polishers to safety standards. It features a suction and filter unit, lighting system, polycarbonate protective screens and a Schuko type power connection with a manual safety reset to prevent unexpected start-ups (EC standards). The body is made of high-strength polypropylene, combined with a steel chassis to form a highly robust unit. This also eliminates the corrosion problems to which machines of this type are prone. The body can also be used with all models of polisher, though it is intended principally for use with MESTRA™ models. Its ergonomic design makes polishing and changing the filter simple and comfortable. The machine is supplied with two rubber screens. As an option, it can be supplied with Ref. 080150, Ref. 080160 or Ref. 080162 polishers screwed to its base.



SPECIFICATIONS



| | |
|---------------|-----------------------|
| Voltage | 230 V 50-60 Hz |
| Power (appr.) | 300 W |
| Suction power | 500 m ³ h. |

(L) 950 x (W) 600 x (H) 680 mm **45 kg**

Polisher with suction (centralized) Ref. 080501



Similar characteristics to those of the Polisher Box with Aspiration Ref. 080500 but without aspiration motor nor filtering system, so it is necessary to connect it to an external equipment of centralized aspiration. This machine is supplied with two inlets for tubes of Ø 40 mm. at the rear



Box with suction for polishing (centralized) Ref. 080504

Similar characteristics to those of the Box with suction for polishing but without suction motor nor filtering system, so it is necessary to connect it to an external equipment of centralized suction. This machine is supplied with two inlets for tubes of Ø 40 mm. at the rear.

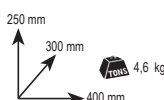


Polishing Mini Box Gorbea Ref. 080508

Its dimensions allow it to be located in any corner. Through this accessory, the R-080164 mini polisher becomes a complete polishing box with professional features.

- The set includes the set polisher and box.
- High torque motor
 - Variable speed up to 5000 rpm.
 - Connection to external suction.
 - LED lighting.
 - Protection screens.
 - Safety switch against sudden start.
 - Excellent stability.

• Brushes not included.



SPECIFICATIONS

| | |
|---------|----------------|
| Voltage | 230 V 50-60 Hz |
| Power | 200 W |
| Speed | 1500-5000 rpm |

(L) 530 x (W) 400 x (H) 450 mm **5,600 kg**

Mini polisher Ref. 080164

(Variable speed)



• ACCESSORY:
Ref. 100277-01 Ref. 100277-02



• Brushes not included.



(L) 300 x (W) 300 x (H) 200 mm **3.200 kg**

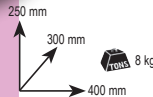
| | |
|---------|----------------|
| Voltage | 230 V 50-60 Hz |
| Power | 200 W |
| Speed | 1500-5000 rpm |

Polishing Mini Box



• Brushes not included.

(L) 530 x (W) 400 x (H) 450 mm 9,000 kg



Ref. 080509

- Connection to aspiration.
- LED lamps.
- Protective shields.
- Safe switch.



• ACCESSORY:
Ref. 080509-02 Ref. 080509-03

| | |
|---------|----------------|
| Voltage | 230 V 50-60 Hz |
| Power | 1.300 W |
| R.P.M. | 3,000-7,000 |

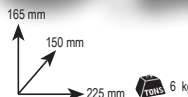
Mini polisher

(Variable speed) Ref. 100276



SPECIFICATIONS

| | |
|-----------------------------|-----------------|
| Voltage | 230 V 50/60 Hz. |
| Power | 1.300 W |
| R.P.M. | 3,000-7,000 |
| Height of shaft center line | 120 mm |
| Overall shaft length | 360 mm |



(L) 310 x (W) 315 x (H) 190 mm 6,550 kg

Polishing lathe Ref. 080162



Brushes non included

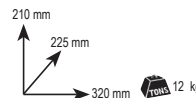
Optional



• ACCESSORIES

Ref. 080160-03 - Ref. 080175 - Ref. 080160-04 - Ref. 080170

For polishing and grinding metals, etc. by using dry or wet methods.
POWER: 500 W, 2-speed, maintenance-free motors.
QUIET: low noise level (48 dB), vibration-free.
LEAK-TIGHT: sealed shafts to prevent water and pumice getting in.
SAFE: safety switch to prevent accidental start-ups after power failures, thus removing any risk of Injury.
ERGONOMICS: built to allow free arm movement and comfortable work in standing or sitting position.
 Lever type extractors to make brush-holder removal easier.
 Its robust and heavy construction (12 kg) and its wide base on non-slip rubber feet guarantee maximum stability.



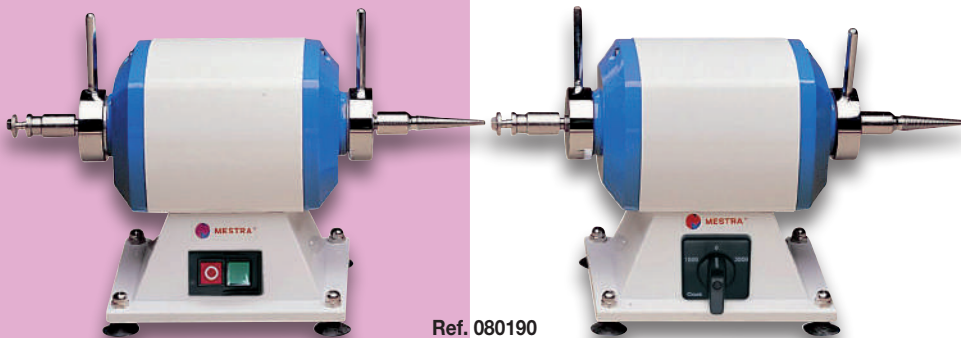
| | |
|---------|----------------|
| Power | 500 W |
| R.P.M. | 1.500 / 3.000 |
| Voltage | 230 V 50-60 Hz |

(L) 430 x (W) 270 x (H) 270 mm 14 kg

Polishing lathe

Ref. 080150 = Single speed

Ref. 080160 = Double speed



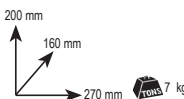
Ref. 080150

Ref. 080190

Ref. 080160



Optional



| | |
|---------|---------------------|
| Power | 125 W |
| R.P.M. | 2.750 - 1.500/3.000 |
| Voltage | 230 V 50-60 Hz |

(L) 430 x (W) 270 x (H) 270 mm 9,000 kg

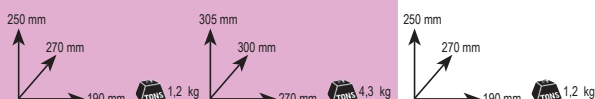
The MESTRA polishing lathe has a modern and elegant design. It is made according to the most modern concepts ensuring high quality and safety. The motor housing is made of extruded aluminium tube (special section). Outside diameter is 125 mm. Its conic ends allow perfect sight of working area. Large base resting on 4 suction pads for greater stability.



Ref. 080210

Ref. 080200

Ref. 080211



Shield for polisher (metal) Ref. 080200

Light and splash protection with adjustable visor.

(L) 525 x (W) 295 x (H) 350 mm 5,760 kg

Shield for polisher (rubber) Ref. 080210

Totally made of rubber to prevent any possible collision and breakage of the workpiece

(L) 300 x (W) 190 x (H) 270 mm 1,425 kg

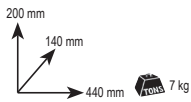
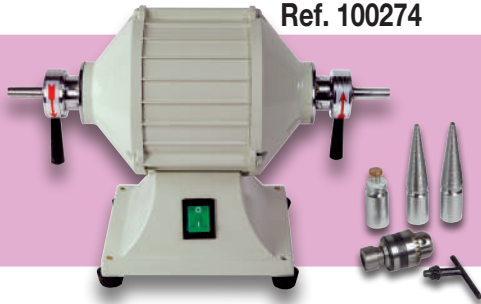
Shield for polisher (rubber) Ref. 080211

Blind. No hole for air suction hose.

(L) 300 x (W) 190 x (H) 270 mm 1,425 kg

Polishing lathe Import

Ref. 100274



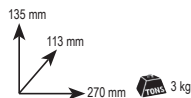
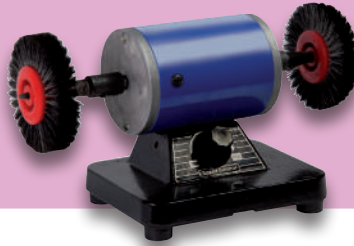
7 kg

| | |
|------------------------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 370 W |
| Speed | 2.800 rpm |
| Height centre of shaft | 130 mm |
| Total length of shaft | 300 mm |

(L) 340 x (W) 255 x (H) 180 mm 8 kg

Variable speed mini polisher

Ref. 100277



3 kg

| | |
|------------------------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 200 W |
| Speed | 1500-5000 rpm |
| Height centre of shaft | 95 mm |
| Total length of shaft | 270 mm |

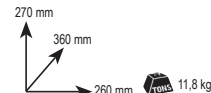
(L) 290 x (W) 170 x (H) 185 mm 3,3 kg

High speed polisher

Ref. 100245



(Bushing)
drill chuck
Ref. 100245-01

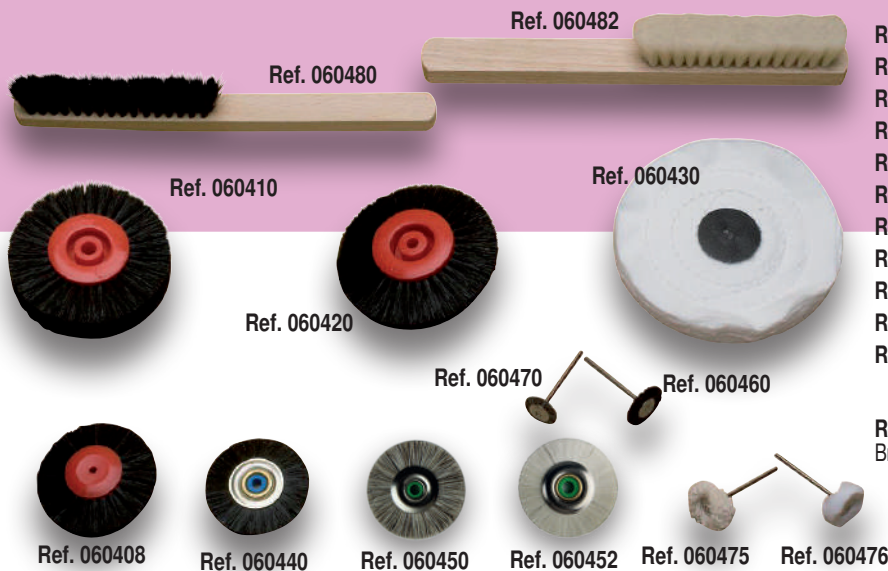


11,8 kg

| | |
|---------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 180 W |
| Speed | 17.000 rpm |

(L) 520 x (W) 300 x (H) 360 mm 12,4 kg

Brushes and fabric discs



Ref. 060482

Ref. 060480

Ref. 060410

Ref. 060420

Ref. 060430

Ref. 060470

Ref. 060460

Ref. 060408

Ref. 060440

Ref. 060450

Ref. 060452

Ref. 060475

Ref. 060476

- Ref. 060480 Hand brush. Horse hair. Black (4 rows)
- Ref. 060482 Hand brush. Goat hair. White (5 rows)
- Ref. 060410 (SET 12 u.) Brush. 4 straight rows (Ø 75/80 mm)
- Ref. 060420 (SET 12 u.) Brush. 4 convergent rows (Ø 75/80 mm)
- Ref. 060430 (SET 1 u.) Cotton fabric discs (Ø 110 mm; 32 layers)
- Ref. 060408 (SET 18 u.) Brush. 3 convergent rows (Ø 55 mm)
- Ref. 060440 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (synthetic/strong)
- Ref. 060450 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (horse/medium)
- Ref. 060452 (SET 24 u.) Brush with plastic bushing (Ø 48 mm) (goat/soft)
- Ref. 060470 (SET 12 u.) Brush with mounted shaft (Ø 17.5 mm)
- Ref. 060460 (SET 12 u.) Brush with mounted shaft (Ø 22 mm)
- Ref. 060475 (SET 12 u.) Brush w/ mounted shaft (Ø 22 mm)
- Ref. 060476 (SET 12 u.) Brush w/ mounted shaft (Ø 22 mm)

Polishing paste (high shine)



Ref. 104852
Polishing paste. Green. Super finishing hard metals (chromium, platinum) - 132 g **104852-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm 1,5 kg (10 u.)

Ref. 104854
Polishing paste. White. Finishing metals and plastics 115 g **104854-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm 1,3 kg (10 u.)

Ref. 104856
Polishing paste. Blue. Super finishing metals and some plastics - 115 g **104856-10** (10 u.)

(L) 160 x (W) 152 x (H) 112 mm 1,3 kg (10 u.)

Felt discs and cones



Ø 25 mm and 5 mm thick discs, in soft and hard texture

Cones available in different sizes according to table (Ø x height)

| TEXTURE | Ref. |
|--------------------|-------------|
| Hard disc (100 u.) | Ref. 060530 |
| Soft disc (100 u.) | Ref. 060535 |

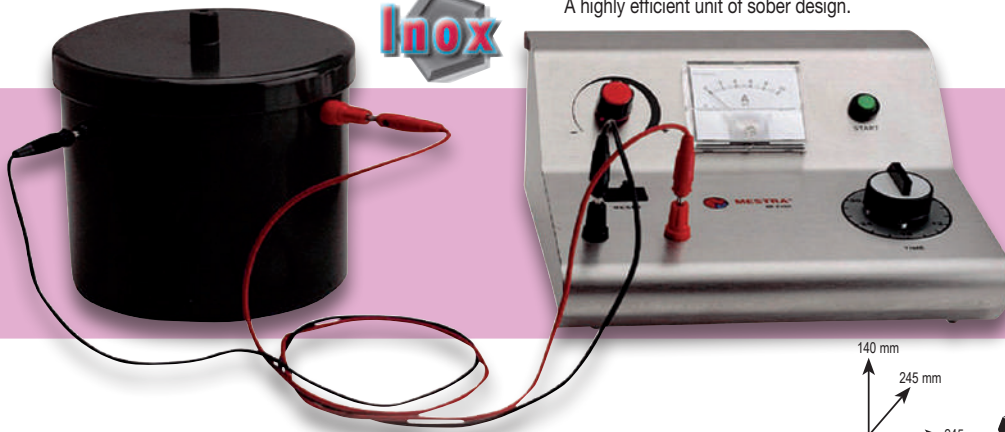
| Ø x height | Ref. |
|--------------------|-------------|
| 15 x 25 (10 units) | Ref. 060500 |
| 20 x 35 (10 units) | Ref. 060505 |
| 20 x 40 (10 units) | Ref. 060510 |
| 25 x 45 (10 units) | Ref. 060515 |
| 25 x 50 (10 units) | Ref. 060520 |
| 30 x 60 (10 units) | Ref. 060525 |

Electrolytic polisher Ref. 080490

The MESTRA electrolytic polisher is designed specially for dental laboratories. Stainless steel construction and large tray capacity. Up to three skeletons can be polished simultaneously. Equipped with a timer, it allows polishing to be programmed from 0 or 30'.

It includes a potentiometer, an ammeter, a thermal safety system, and a visual function indicator. A highly efficient unit of sober design.

Inox



SPECIFICATIONS

| | |
|------------------------|------------------------|
| Voltage | 230 V 50/60 Hz |
| Secondary voltage | 16 V |
| Maximum current | 10 V |
| Circuit breaker | 10 V |
| Timer | 0-30 Min. |
| Tank capacity | 2 litros |
| Tank diameter + height | Ø 160 mm x 150 mm alto |
| Tank weight | 1,2 kg |

| | |
|--------------------------------|----------|
| (L) 520 x (W) 300 x (H) 355 mm | 7,500 kg |
|--------------------------------|----------|

Electrolytic polisher

Ref. 100293

Solidly made and small. Smooth and even surface and dismountable tank, which makes cleaning very easy.

The electronic controls allow adjusting thoroughly the time and the maximum current. Besides, it can store two different polishing programmes in the memory.



| | |
|---------|-----------|
| Height | 145 mm |
| Width | 210 mm |
| Depth | 250 mm |
| Weight | 1,9 kg |
| Voltage | 100-240 V |
| Power | 100 W |

| | |
|--------------------------------|----------|
| (L) 250 x (W) 220 x (H) 150 mm | 3,310 kg |
|--------------------------------|----------|

Solution for electrolytic bath (1 and 5 litres)

Ready for use.

Suitable for any electrolytic polishing device.

High quality product. It has been formulated to minimize its toxicity, when the safety measures and recommendations for use are followed.

Using it together with electrolytic baths of the type dental and/or jewelry, the quality achieved is excellent. In addition, it remains without degrading for many cycles of use.

Its viscous texture prevents splashing and makes it much easier to clean up accidentally spilled debris.



Ref. 130351

Ref. 130350

Altamira steam cleaning box Ref. 080600

Nobody questions the need and importance of steam jet cleaning in the Dental Lab. Nobody questions its consequences either: dirt in sinks, air moisture, condensation in walls and floors... And all this leaving aside the high price these devices used to have up to now. In MESTRA® we have worked hard to make these troubles simply disappear by using the Altamira Steam Cleaning Cabin, the indispensable complement for any steam cleaning device.



Box spray application

Ref. 080602



SPECIFICATIONS

| | Ref. 080600 | Ref. 080602 |
|----------|----------------|----------------|
| Height | 570 mm | 570 mm |
| Width | 520 mm | 520 mm |
| Depth | 490 mm | 490 mm |
| Weight | 24 kg | 20,5 kg |
| Capacity | 8 l. | |
| Voltage | 230 V 50/60 Hz | 230 V 50/60 Hz |
| Power | 140 W | |
| Fuse | 2 A | |

| | | |
|--------------------------------|-----------|-----------|
| (L) 620 x (W) 530 x (H) 630 mm | 27,000 kg | 23,500 kg |
|--------------------------------|-----------|-----------|

This Altamira chamber has been specially adapted for shading spray application on models prior to scanning. Also useful to clean the dust on the zirconia milling discs. The set requires an external suction unit not included.

Steam machine

Ref. 100193

Reliable, safe and resistant. Tank capacity of 3 litres and working pressure of 3 bar. The tank is completely made of high-quality stainless steel. The powerful heater means that working pressure can be reached in just a few minutes.

The level of water in the tank can always be checked through a peephole. To avoid calcification in the boiler and extend the working life of the device, the machine must be filled with decalcified water, or preferably distilled water.



| | |
|--------------------------------------|----------------|
| Capacity | 3 l. |
| Voltage | 220 V 50/60 Hz |
| Power | 1300 W |
| Pressure | 3 bar |
| Height x Width (with pistol support) | 640 x 250 mm |

 (L) 430 x (W) 310 x (H) 430 mm  12 kg

Steam machines

Moderate use

NEW

Ref. 100195



NEW

Ref. 100196



Due to their abundant flow of dry steam, they are ideal for cleaning tasks in dental laboratories. Both devices are supplied with a water level meter and a practical funnel.

| | Ref. 100195 | Ref. 100196 |
|--------------|--|--|
| Height | 250 mm no support 685 with folded support | 240 mm no support 680 with folded support |
| Width | 235 mm | 400 mm |
| Depth | 335 mm | 325 mm |
| Weight | 6.2 kg | 11.290 kg |
| Power supply | 220V, 50 Hz | 220V, 50 Hz |
| Power | 1250 W | 2250 W |
| Pressure | 4 bar | 4 bar |
| Capacity | 3.5 litres | 5 litres |

Static steam jet Ref. 100192

Static steam generator machine for dental laboratory and clinic. Ideal for intensive and professional use. Due to its high power and the capacity of the 2-liter tank, the appliance is capable of supplying a continuous jet of steam that is completely dry and controlled by means of a pedal. Constructed entirely of stainless steel.



NEW

Inox

SPECIFICATIONS

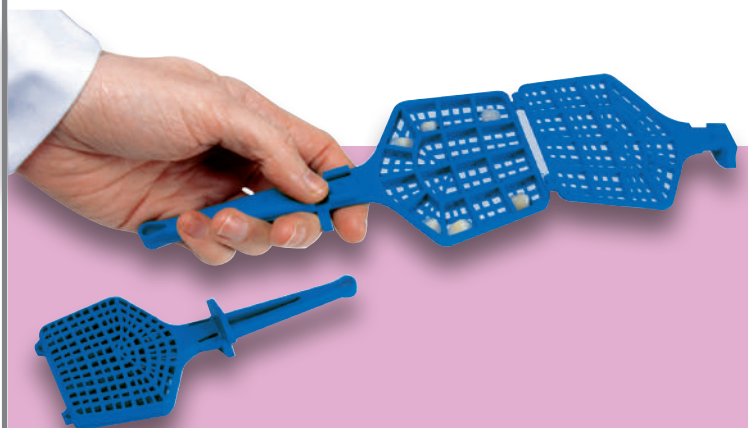
| | |
|----------|---|
| Height | 300 mm unsupported 350 mm with support |
| Width | 180 mm |
| Depth | 285 mm 380 mm with tap |
| Weight | 6,1 kg |
| Voltage | 230V, 50 Hz |
| Power | 1.300 W |
| Pressure | 4 bar |
| Capacity | 2 l. |


Important recommendation:
Always use distilled or softened water. We suggest the Distiller/Descaler Ref. 100210

Strainer for teeth cleaning

Ref. 050345

Made of polyamide resistant to high temperatures. Innovative design including an easy to handle and safe lock. For an easier handling, when you leave it on the table, the handle remains raised. Ideal accessory for teeth cleaning with steam machine or washing machine.



| | |
|------------------------------|--|
| Length unfolded | 280 mm |
| (L) 180 x (W) 80 x (H) 12 mm |  0,050 kg |





Micromotor *(brushless)*

Black Ref. 100281

Strong torque at low speed.
Vertical / horizontal placement.
Right & Left turning ability.
Hand / Foot speed control system.
Self-diagnosis, error display,
work memory storage function.
Foot speed control.

| | |
|---------|----------------------|
| Height | 182 mm |
| Width | 96 mm |
| Length | 207 mm |
| Weight | 3.9 kg |
| Speed | 50000 rpm |
| Torque | 7.8 N.cm |
| Power | 230 W |
| Voltage | 220-240 V - 50/60 Hz |

 (L) 280 x (W) 280 x (H) 200 mm  4.62 kg





Elite Micromotor *(brushless)*

Ref. 100285

Brushless motor.
Vertical/horizontal position.
Left and right rotation.
Hand/foot speed control.
Self-diagnosis.
Error display.

| | |
|---------|------------------|
| Height | 182 mm |
| Width | 91 mm |
| Length | 205 mm |
| Weight | 2.5 kg |
| Speed | 50000 rpm |
| Torque | 7.8 N.cm |
| Power | 230 W |
| Voltage | 230 V (50/60 Hz) |

 (L) 280 x (W) 275 x (H) 200 mm  4.65 kg





Knee Micromotor *(induction)*

Ref. 100278S

Brushless micromotor with foot or knee control. Right & Left turning ability. For Ø2.35 mm burs, automatic speed maintenance function, overload protection and self-diagnosis.

| | |
|--------------------|-----------|
| Height | 230 mm |
| Width | 95 mm |
| Length | 270 mm |
| Weight | 5.5 kg |
| Speed | 50000 rpm |
| Torque | 7.8 N.cm |
| Voltage | 220-240 V |
| Frequency | 50/60 Hz |
| Control box weight | 3.1 kg |
| Hand piece weight | 365 g |

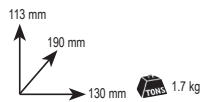
 (L) 260 x (W) 335 x (H) 215 mm  5 kg

Micromotor (brush)

Ref. 100283



Occasional use,
not recommended
for metals



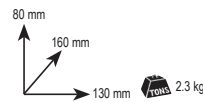
| | |
|------------|--------------------|
| Max. speed | 45000 rpm |
| Torque | 4.0 N.cm |
| Voltage | 110-230 V 50/60 Hz |

Micromotor (brush)

Ref. 100284



Occasional use,
not recommended
for metals



| | |
|------------|--------------------|
| Max. speed | 35000 rpm |
| Torque | 2.94 N.cm |
| Power | 45 W |
| Voltage | 110-230 V 50/60 Hz |

Micromotors (brush)



Ref. 120100



Ref. 120110

| | Control Box | 120100 | 120110 |
|--------|-------------|----------|----------|
| Height | 80 mm | 30 mm | 27 mm |
| Width | 125 mm | 30 mm | 27 mm |
| Depth | 160 mm | 160 mm | 170 mm |
| Weight | 1.4 kg | 0.25 kg | 0.3 kg |
| RPM | | 35000 | 35000 |
| Torque | | 280 gfcm | 280 gfcm |
| Power | | 45 W | 45 W |

(L) 265 x (W) 235 x (H) 90 mm 2.5 kg

Occasional use, not recommended for metals

Portable micromotors (10 h autonomy)

Ref. 100279

(brush)

Ref. 100282

(brushless)

intramatic



| | Control Box | 100279 | 100282 |
|--------|-------------|----------|----------|
| Height | 45 mm | 20 mm | 20 mm |
| Width | 105 mm | 20 mm | 20 mm |
| Depth | 145 mm | 135 mm | 155 mm |
| Weight | 0.4 kg | 0.16 kg | 0.16 kg |
| RPM | | 30000 | 30000 |
| Torque | | 250 gfcm | 250 gfcm |
| Power | | 30 W | 30 W |

(L) 210 x (W) 193 x (H) 73 mm 1.1 kg

Occasional use, not recommended for metals



For Zirconia

Polishing discs and burs for zirconia

We present two kits of diamond discs and burs, specially designed for pre-polishing and high-gloss polishing of zirconia inlays and veneers, without the need for glazing, polishing paste or water cooling.

They are autoclavable at 135°C (but not their presentation box), their shanks have a standard diameter of 2.35 mm and a recommended working speed of between 10000 and 15000 rpm, 20000 maximum for diamond rubber and 25000 maximum for diamond ceramic.

2-STEP KIT Ref. 108106

Pre-polishing and fine polishing



Ref. 108106-12
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm



Ref. 108106-14
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm



Ref. 108106-84
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm



Ref. 108106-88
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm



Ref. 108106-54
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 5 × 16 mm
Max. Speed 20000 rpm



Ref. 108106-58
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 5 × 16 mm
Max. Speed 20000 rpm

3-STEP KIT Ref. 108306

Fine grinding, pre-polishing and fine polishing



Ref. 108106-12
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm



Ref. 108106-14
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm



Ref. 108306-91
Diamond ceramic
Med. grain • Fine grinding
and adjusting
Bur Ø 22 × 2 mm
Max. Speed 25000 rpm



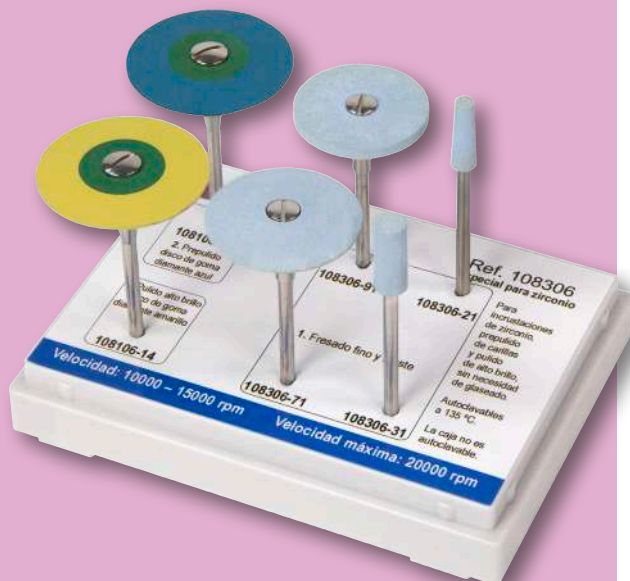
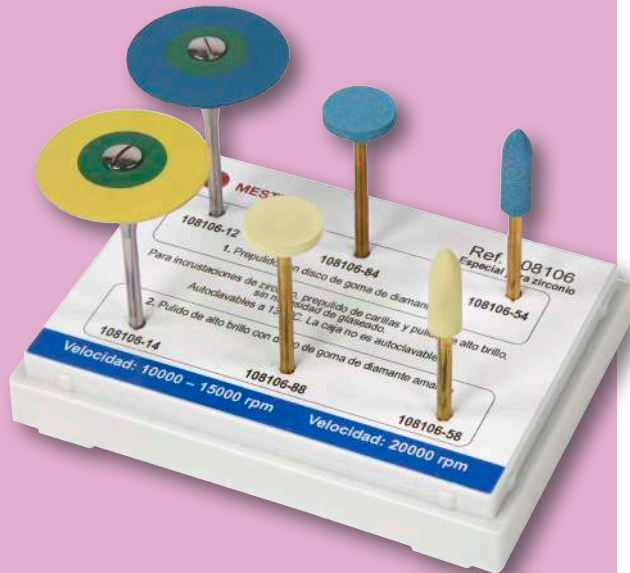
Ref. 108306-71
Diamond ceramic
Med. grain • Fine grinding
and adjusting
Bur Ø 22 × 2.5 mm
Max. Speed 25000 rpm



Ref. 108306-31
Diamond ceramic
Med. grain • Fine grinding
and adjusting
Bur Ø 5 × 13 mm
Max. Speed 25000 rpm



Ref. 108306-21
Diamond ceramic
Med. grain • Fine grinding
and adjusting
Bur Ø 4 × 13 mm
Max. Speed 25000 rpm



Optional burs

Pre-polishing, fine grinding and adjusting



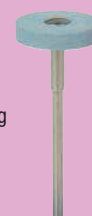
Ref. 108000-11
Diamond rubber
Extra-coarse grain • Pre-polishing
Bur Ø 26 × 2 mm
Max. Speed 20000 rpm



Ref. 108000-86
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm



Ref. 108000-64
Diamond rubber
Coarse grain • Pre-polishing
Bur Ø 6 × 16 mm
Max. Speed 20000 rpm



Ref. 108000-81
Diamond ceramic
Med. grain • Fine grinding
and adjusting
Bur Ø 17 × 3.5 mm
Max. Speed 25000 rpm

Tungsten burs

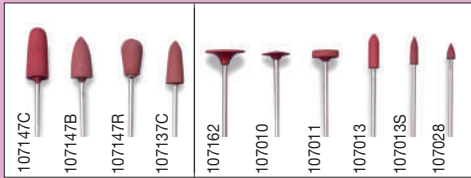
(high performance) (for plaster trimming)

| Reference | Total length | Ø of bur | Length of cut |
|-------------|--------------|----------|---------------|
| Ref. 104020 | 46 mm | 8 mm | 17 mm |
| Ref. 104023 | 44 mm | 8 mm | 9 mm |
| Ref. 104026 | 51 mm | 5 mm | 21 mm |



(L) 50 x Ø 10 mm 0,004 kg

Silicone burs



(6 units)

(12 units)

Brown silicone points. For a high brightness polishing in alloys, amalgams, composite and acrylics.

(L) 68 x (W) 64 x (H) 24 mm 0,045 kg



Gray silicone points (6 u.). For pre-polishing in alloys, amalgams, composites and acrylics

(L) 73 x (W) 64 x (H) 26 mm 0,051 kg



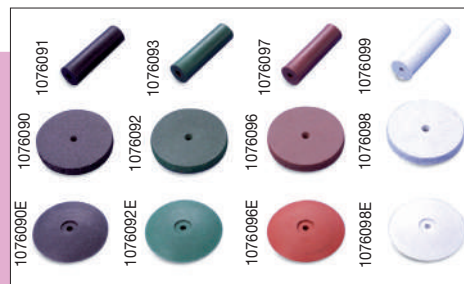
Big silicone points for acrylic resins (6 units). For a rough and medium finish.

(L) 73 x (W) 64 x (H) 26 mm 0,051 kg



White silicone points (6 units)
To fill in scratches and achieve a perfect polish in all types of porcelain.

(L) 73 x (W) 64 x (H) 26 mm 0,051 kg



Silicone cylinders, disks and "lentils" (100 units)

(L) 102 x (W) 94 x (H) 30 mm 0,153 kg

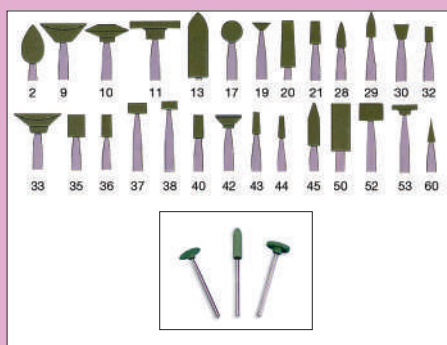
Polishing pads



Polishing pads (50 units).
For polishing soft materials.

(L) 135 x (W) 105 x (H) 65 mm 0,076 kg

Abrasive stones (12 unit box)



Green. Long-lasting and highly resistant. Made from silicon carbide. Particularly suitable for porcelain finishes, composites, and gold and silver alloys.

- Ref. 106402 Ref. 106419 Ref. 106432 Ref. 106440 Ref. 106452
- Ref. 106409 Ref. 106420 Ref. 106433 Ref. 106442 Ref. 106453
- Ref. 106410 Ref. 106421 Ref. 106435 Ref. 106443 Ref. 106460
- Ref. 106411 Ref. 106428 Ref. 106436 Ref. 106444
- Ref. 106413 Ref. 106429 Ref. 106437 Ref. 106445
- Ref. 106417 Ref. 106430 Ref. 106438 Ref. 106450

(L) 68 x (W) 64 x (H) 24 mm 0,045 kg



Pink. Long-lasting and highly resistant. Made from aluminium oxide for polishing nickel and chrome-cobalt alloys.

- Ref. 106502 Ref. 106511 Ref. 106543
- Ref. 106509 Ref. 106520 Ref. 106550
- Ref. 106510 Ref. 106542

(L) 68 x (W) 64 x (H) 24 mm 0,045 kg



Brown. Long-lasting and highly resistant. Made from aluminium oxide for cutting and roughing of nickel and chrome-cobalt alloys.

- Ref. 106610 Ref. 106611 Ref. 106620 Ref. 106635 Ref. 106642
- Ref. 106650

White. Long-lasting and highly resistant. Made from aluminium oxide, particularly suitable for polishing non-precious and semi-precious alloys

- Ref. 106711 Ref. 106720 Ref. 106728 Ref. 106743
- Ref. 106742 Ref. 106750

(L) 68 x (W) 64 x (H) 24 mm 0,045 kg

Set of 30 burs (diamond) Ref. 104000

Diamond burs. The set goes in a case and includes the 30 shapes most used in the dental lab. There are also spare burs available.



(L) 145 x (W) 61 x (H) 20 mm 0,148 kg

| REPLACEMENT PARTS | |
|-------------------|----------------------------------|
| R-104000-D1 | D1- $\varnothing 1$ |
| R-104000-D2 | D2- $\varnothing 2$ |
| R-104000-D3 | D3- $\varnothing 3$ |
| R-104000-D4 | D4- $\varnothing 4$ |
| R-104000-K5 | K5- $\varnothing 2 \times 1,5$ |
| R-104000-10B | 10B- $\varnothing 2,7 \times 1$ |
| R-104000-12B | 12B- $\varnothing 4 \times 1,5$ |
| R-104000-K7 | K7- $\varnothing 2,7 \times 1,5$ |
| R-104000-13B | 13B- $\varnothing 2,5 \times 2$ |
| R-104000-K6 | K6- $\varnothing 2 \times 5$ |
| R-104000-K10 | K10- $\varnothing 2,5 \times 7$ |
| R-104000-1R | 1R- $\varnothing 1,5 \times 10$ |
| R-104000-1LR | 1LR- $\varnothing 1,5 \times 10$ |
| R-104000-2R | 2R- $\varnothing 2 \times 12$ |
| R-104000-2LR | 2LR- $\varnothing 2,5 \times 12$ |
| R-104000-3R | 3R- $\varnothing 3 \times 12$ |
| R-104000-T11 | T11- $\varnothing 1 \times 4$ |
| R-104000-TR | TR- $\varnothing 1,5 \times 8$ |
| R-104000-T12 | T12- $\varnothing 1,5 \times 4$ |
| R-104000-2LA | 2LA- $\varnothing 2,5 \times 12$ |
| R-104000-K5 | K5- $\varnothing 3,5 \times 6$ |
| R-104000-RZ | RZ- $\varnothing 4 \times 6$ |
| R-104000-C3 | C3- $\varnothing 0,9 \times 4$ |
| R-104000-C13 | C13- $\varnothing 1,5 \times 10$ |
| R-104000-C23 | C23- $\varnothing 2 \times 10$ |
| R-104000-17X | 17X- $\varnothing 4 \times 0,8$ |
| R-104000-18X | 18X- $\varnothing 6 \times 1$ |
| R-104000-K25 | K25- $\varnothing 4 \times 0,4$ |
| R-104000-K45 | K45- $\varnothing 10 \times 0,5$ |
| R-104000-K35 | K35- $\varnothing 6 \times 0,5$ |

Set of 10 burs (diamond) Ref. 104010

Each set consists of 10 burs (no surface coating, the body is completely made of diamond) with the most commonly used shapes in the Dental Laboratory.

Two types of set are available:

Ref. 104010 Green band set (gross) special for work with metals.

Ref. 104012 Red band set (fine) special for work with metals.



(L) 68 x (W) 62 x (H) 23 mm 0,044 kg

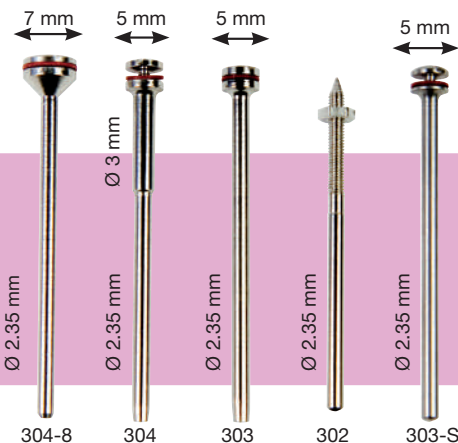
| REPLACEMENT PARTS | |
|-------------------|----------------|
| Ref. 104010-01 | Ref. 104012-01 |
| Ref. 104010-02 | Ref. 104012-02 |
| Ref. 104010-03 | Ref. 104012-03 |
| Ref. 104010-04 | Ref. 104012-04 |
| Ref. 104010-05 | Ref. 104012-05 |
| Ref. 104010-06 | Ref. 104012-06 |
| Ref. 104010-07 | Ref. 104012-07 |
| Ref. 104010-08 | Ref. 104012-08 |
| Ref. 104010-09 | Ref. 104012-09 |
| Ref. 104010-10 | Ref. 104012-10 |

Abrasive disks (100 units boxes)

| METAL | CERAMIC | METAL | STANDARD CUTTING DISKS | SPEEDY DISKS | GRINDING WHEELS | DISKS WITH FIBERGLASS |
|---|---|--|--|--|---|---|
| 1 Ref. 105012 Metal 22 \varnothing x 0,25 mm | 2 Ref. 105020 Ceramic 22 \varnothing x 0,25 mm | 3 Ref. 105040 Separating metal 25 \varnothing x 0,35 mm | 4 Ref. 105050 Black 25 \varnothing x 0,6 mm | 6 Ref. 105060 25 \varnothing x 0,6 mm (100 u.) | 8 Ref. 105070 25 \varnothing x 3 mm (100 u.) | 12 Ref. 105080 25 \varnothing x 1 mm (50 u.) |
| 5 Ref. 105051 Black 38 \varnothing x 0,6 mm (100 u.) | 7 Ref. 105061 38 \varnothing x 0,6 mm (100 u.) | 9 Ref. 105071 38 \varnothing x 1 mm (100 u.) | 10 Ref. 105073 31,8 \varnothing x 1,6 mm (100 u.) | 11 Ref. 105074 31,8 \varnothing x 2 mm (100 u.) | 13 Ref. 105081 31,8 \varnothing x 1 mm (50 u.) | 14 Ref. 105082 38 \varnothing x 1 mm (50 u.) |
| (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg | (L) 78 x (W) 34 x (H) 30 mm 0,037 kg |
| (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg | (L) 90 x (W) 44 x (H) 41 mm 0,166 kg |

Mandrels

Ref. 060600 type mandrel 304-8 (10 unit bag)
 Ref. 060602 type mandrel 304 (10 unit bag)
 Ref. 060604 type mandrel 303 (10 unit bag)
 Ref. 060606 type mandrel 302 (10 unit bag)
 Ref. 060608 type mandrel 303-S (10 unit bag) Stainless Steel



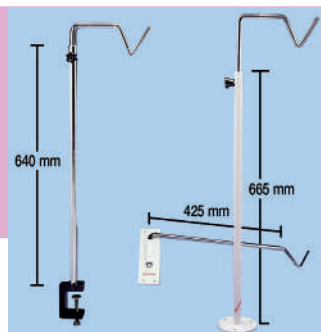
(L) 60 x (W) 50 x (H) 10 mm 0,028 kg

Motor supports

Ref. 050270
M-1 - Tabletop type, telescopic, with CLAMP.

Ref. 050280
M-2 - Tabletop type, telescopic, with disc for fixing it to the table.

Ref. 050290
P - Wall type, can be rotated through 180°.



(L) 870 x (W) 270 x (H) 260 mm 3,500 kg

Hanging motor arm support

Ref. 050230

Ref. 050240



Ref. 050230 (L) 90 x (W) 60 x (H) 44 mm 0,106 kg

Ref. 050240 (L) 90 x (W) 60 x (H) 44 mm 0,110 kg



Sirocco suction units

It is difficult to find a manufacturer in the dental sector that offers such a wide range of professional suction units as the Sirocco family, covering any possible need that may arise with the most suitable model for each case.

In addition, the modular and scalable nature of this range provides solutions for both clinical and laboratory use, allowing the user to choose from a multitude of options, such as unit size, arm type, filtering system, etc.

Although the number of alternatives and accessories is enormous, all units follow the same script: they are extremely quiet, aesthetically appealing suction units incorporating powerful induction motors (with a longer life than traditional models) and very economical consumables, with the level of quality that MESTRA guarantees in all of its products.



Induction motor (brushless)



Efficient low-noise suction (55 dB)



Strong suction power



Easy removal and cleaning of the reusable filters

Sirocco S Ref. 080534

Suction especially suitable for clinical and laboratory environments, it is the perfect size for desktop use and has a sleek aesthetic.

The Sirocco S model incorporates two stages of filtration: a first circular HEPA (High Efficiency Particulate Array) filter and a second internal HEPA filter. Thanks to its efficient design, the filter change operation is extremely simple.

The unit also features an external micromotor detection system and seven different power levels.

- Powerful induction motor
- Intuitive "touch" keypad
- Easy to use and change filter
- Exceptionally quiet

SIROCCO S TECHNICAL CHARACTERISTICS

| | | | |
|--------|--------|--------|--------|
| Height | 135 mm | Weight | 3.1 kg |
| Width | 280 mm | Power | 350 W |
| Depth | 280 mm | Noise | 55 dB |



Ref. 080534AT

Basic configuration of the Sirocco Model S table-top suction unit, supplied with a flexible and extendable hose up to 700 mm for directing the suction to the work area. It allows small and delicate polishing and reworking operations.

- Easy to orient the suction hood
- Built-in LED lighting

Tube 700 mm • Ø 45 mm • Weight 3.8 kg



230 mm
290 mm
290 mm
Clinic finishing box
Ref. 080534C
2.4 kg



230 mm
400 mm
345 mm
Laboratory finishing box
Ref. 080534L
2.4 kg



Ref. 080534AC

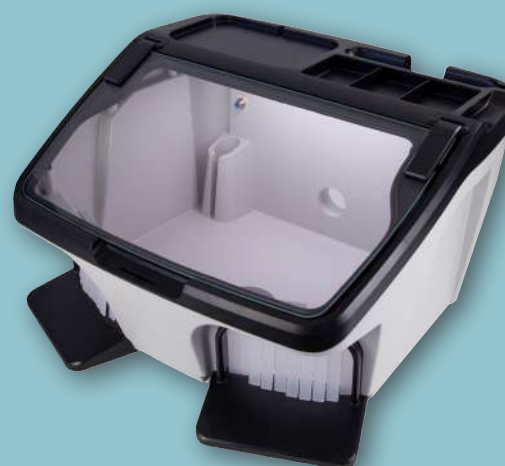
Sirocco S and finishing box for clinics. Together they form an extremely useful and reliable partnership for a clinic environment, allowing for minor polishing and reworking operations.

- Large screen and access
- LED lamp for perfect illumination
- Great working ergonomics

Height 365 mm • Width 290 mm
Depth 290 mm • Weight 5.5 kg

Large finishing box

Ref. 080212



542 mm
336 mm
500 mm
4.9 kg

- Spacious and robust design
- Large screen and access
- LED lamp for perfect illumination
- Great working ergonomics
- Comfortable and practical armrests

Sirocco S suction unit and a dental laboratory finishing box that is fully compatible with the benchtop unit, forming a very compact and balanced unit.

- Spacious and robust design
- LED lamp for perfect illumination
- Comfortable and practical armrests

Height 365 mm • Width 345 mm
Depth 400 mm • Weight 5.5 kg

Finishing box that is fully compatible with the Sirocco M and L suction units with which it forms an extremely useful and reliable tandem for a clinic and laboratory environment, allowing small polishing and refinishing operations.



Ref. 080534AL

Sirocco M & L Ref. 080536 - Ref. 080537

These are two robust, quiet and highly reliable suction units, the M model being particularly practical for use under the workbench and the larger capacity L model.

Its brushless motor extends its service life by five to ten times compared to traditional models.

They incorporate a connection for an external micromotor and a milling machine that will operate synchronously with the suction unit. In addition, its ergonomic design with handles and wheels facilitates its use and mobility in the clinic and laboratory.

Depending on requirements, you can choose to use disposable bag filters or reusable HEPA filters, or even a ULPA filter, as well as three different arm types; flexible hose for connection to other devices, swivelling snake arm or articulated arm, which are also equipped with different suction hoods.

- Extensive set of fully compatible accessories
- Exceptionally quiet operation
- Easy to use and change filter



Sirocco M with flexible hose
Ref. 080536A (small disposable filter)
Ref. 080536D1 (reusable filter 4.3 l)
Ref. 080536D2 (reusable filter 2.5 l)



Sirocco M with articulated arm
Ref. 080536C (small disposable filter)
Ref. 080536F1 (reusable filter 4.3 l)
Ref. 080536F2 (reusable filter 2.5 l)



Sirocco M with snake arm
Ref. 080536B (small disposable filter)
Ref. 080536E1 (reusable filter 4.3 l)
Ref. 080536E2 (reusable filter 2.5 l)

SIROCCO M TECHNICAL CHARACTERISTICS

| | |
|------------------|----------|
| Height | 580 mm |
| Width | 290 mm |
| Depth | 330 mm |
| Weight | 11 kg |
| Power | 800 W |
| Noise | 55 dB |
| Filtration grade | ULPA U15 |



Sirocco L with flexible hose
Ref. 080537A (large disposable filter)
Ref. 080537D (reusable filter 7.5 l)



Sirocco L with articulated arm
Ref. 080537C (large disposable filter)
Ref. 080537F (reusable filter 7.5 l)



Sirocco L with snake arm
Ref. 080537B (large disposable filter)
Ref. 080537E (reusable filter 7.5 l)

SIROCCO L TECHNICAL CHARACTERISTICS

| | |
|------------------|----------|
| Height | 800 mm |
| Width | 290 mm |
| Depth | 330 mm |
| Weight | 13 kg |
| Power | 800 W |
| Noise | 55 dB |
| Filtration grade | ULPA U15 |

Eolo Induction aspiration unit

Ref. 080533



Its new "brushless" induction motor extends its useful life between 5 and 10 times compared to traditional models, and has an innovative double filter system optimized for work in the dental laboratory (including abrasives such as aluminum oxide). It can be mounted with HEPA filter.

It easily adapts to the laboratory furniture, filling a minimum space. In addition, the ergonomic design facilitates its use and mobility. The electronic control with LCD screen is equipped with protection systems against overloads or obstructions in the suction mouth and with a visual indicator of the filter filling level and the detection of the micromotors.

It allows manual or automatic operation synchronized with up to 3 different devices (sandblasters, micromotors, etc.). The detection and adjustment of micromotors is carried out by the electronic control itself, which allows detecting any micromotor, including those of the "brushless" type.



| | |
|--------|--------|
| Height | 585 mm |
| Width | 210 mm |
| Depth | 500 mm |
| Weight | 17 kg |
| Power | 750 W |
| Noise | 65 dB |

 (L) 550 x (W) 320 x (H) 620 mm  20 kg



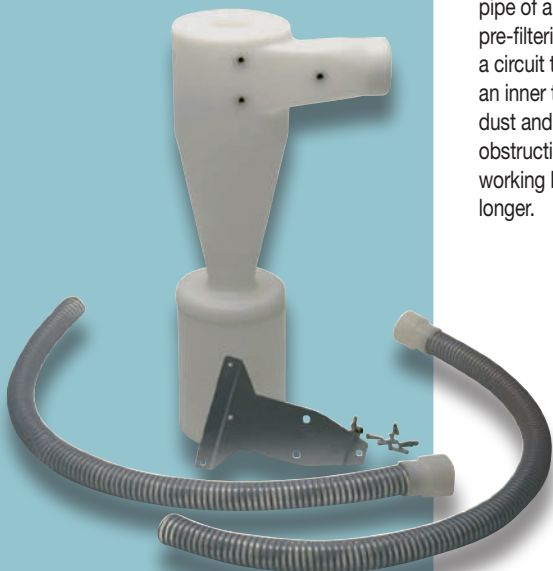
High performance microprocessor. It allows the simultaneous operation of two handpieces to be synchronised with the suction. In addition, it has other features such as obstruction detection, switch-off delay time, power control, etc.

Ciclón dust decanter Ref. 080535



It is a simple device to be connected to the inlet pipe of a conventional Aspiration Unit for pre-filtering dust particles. The air circulates along a circuit that makes the dust particles fall into an inner tank. More than 99% of the aspirated dust and dirt is removed, reducing the risk of obstruction of the aspiration pipes and making the working life of the aspiration filters considerably longer.

The dust tank is easily accessible and, therefore, cleaning the device is a comfortable and simple task. The device features anchoring elements especially adapted to EOLO aspirations, with which it makes up a high performance compact unit.

- CÍCLÓN is built in high resistance polypropylene.



590 mm
275 mm
155 mm  2 kg

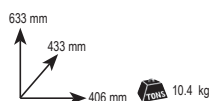
 (L) 520 x (W) 300 x (H) 360 mm  3 kg

Gemini aspiration unit Ref. 080539



| | |
|----------------|--------------------|
| Voltage | 230 V |
| Power | 1200 W (2 steps) |
| Noise | 68 dB |
| Capacity | 36 l |
| Potentiometer | 650-1200 W |
| Detection from | 100 W |
| Aspiration | Solids and liquids |

*Unsuitable for micro-motors



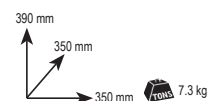
(L) 480 x (W) 450 x (H) 710 mm 14 kg

Gemini aspiration unit Ref. 080538



| | |
|----------------|--------------------|
| Voltage | 230 V |
| Power | 1150 W |
| Noise | 68 dB |
| Capacity | 9,5 l |
| Potentiometer | 650-1150 W |
| Detection from | 100 W |
| Aspiration | Solids and liquids |

*Unsuitable for micro-motors



(L) 370 x (W) 360 x (H) 530mm 9 kg

For use in locations with reduced space.

Dry piston compressors

- 80 l/min compressor Ref. 110300
- 80 l/min compressor with dryer Ref. 110310
- 160 l/min compressor Ref. 110330
- 160 l/min compressor with dryer Ref. 110340

Family of four compressors consisting of two sizes of 80 and 160 litres/minute to which a dryer with automatic drain can be coupled.

Extremely quiet operation (60 dB), easy maintenance (dry piston) and excellent reliability. They are supplied with two pressure gauges (boiler and service pressure), outlet pressure regulator and complete set of valves for draining.

The service pressure can reach 8 bars.



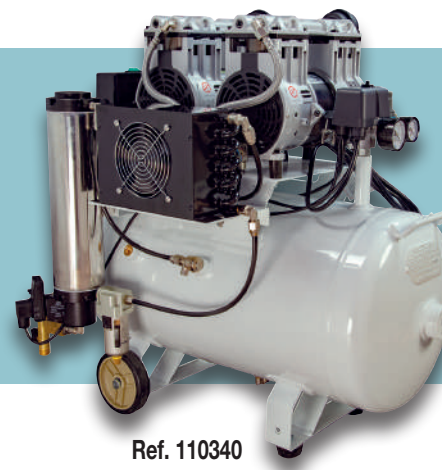
Ref. 110300



Ref. 110310



Ref. 110330



Ref. 110340

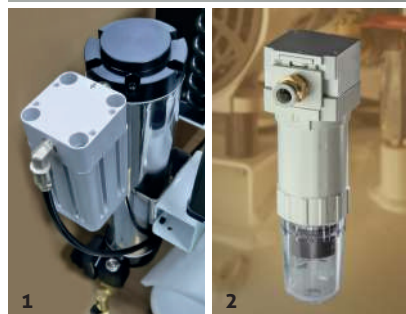
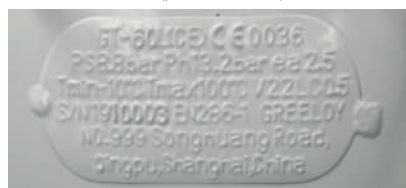
CERTIFICATE by TÜV SÜD Type certificate
N° 12202200491258001
Directive 2014/29/UE (pressure vessels)

How do I know if my compressor complies with the European safety regulations?

It is easy to find dental compressors made in the East that do not comply with current European safety regulations. For this reason, it is advisable to check its features and security stamp: it is a plate welded to the tank similar to the attached picture. Next to the CE mark, you can see the number of the Notified Body that has validated its adaptation to European standards.

1. Ref. 110340 is also available with HEPA filter (H14)
Ref. 110340H

2. The activated carbon filter Ref. 110300-53 is available as an accessory for all compressors.



| Reference | 110300 | 110310 | 110330 | 110340 |
|----------------------------|----------|----------|-----------|-----------|
| Power | 750 W | 750 W | 1500 W | 1500 W |
| Effective airflow (4 bars) | 80 l/min | 80 l/min | 160 l/min | 160 l/min |
| Noise | 53 dB | 53 dB | 54 dB | 54 dB |
| Pressure | 5-8 bar | 5-8 bar | 5-8 bar | 5-8 bar |
| Tank capacity | 30 l | 30 l | 50 l | 50 l |
| Heads | 1 | 1 | 2 | 2 |
| Length | 390 mm | 540 mm | 370 mm | 480 mm |
| Width | 390 mm | 390 mm | 680 mm | 680 mm |
| Height | 650 mm | 650 mm | 750 mm | 750 mm |
| Weight | 30 kg | 37 kg | 58 kg | 66 kg |

| | | | | |
|--------|-------|-------|-------|-------|
| Weight | 37 kg | 44 kg | 65 kg | 73 kg |
|--------|-------|-------|-------|-------|

Air purifiers

Family of air purifiers of three different sizes. They act on the stale air in any room, eliminating dust, dirt and germs. After the treatment, the air is much cleaner and more breathable. It should be emphasized that poor air quality favors the appearance of diseases, especially of a respiratory type.

The purification process begins with a battery of filters of three different levels: bacterial HEPA, activated carbon and photocatalytic. Subsequently, a high-performance UV lamp continues the cleaning work.

* **Purification is completed with ionization and the possibility of activating an ozone generator.** After the treatment, we can speak of a highly purified and quality air. There are three different sizes depending on the volume of the room to be treated.



Purifier 25 m²
Ref. 100510



Purifier 30-35 m²
Ref. 100512



Purifier 60-70 m²
Ref. 100514

| | Ref. 100510 | Ref. 100512 | Ref. 100514 |
|--|-----------------------|-----------------------|-----------------------|
| Height | 303 mm | 536 mm | 570 mm |
| Width | 329 mm | 360 mm | 370 mm |
| Depth | 170 mm | 206 mm | 265 mm |
| Weight | 4 kg | 6,3 kg | 8,5 kg |
| Power | 36 W | 45 W | 72 W |
| Noise | ≤40 dB(A) | ≤45 dB(A) | ≤45 dB(A) |
| Purificated volume | 150 m ³ /h | 280 m ³ /h | 560 m ³ /h |
| Recommended purification area | 25 m ² | 30-35 m ² | 60-70 m ² |
| 3-level filtration (HEPA, activated carbon, catalytic) | yes | yes | yes |
| UV cleaning + Ionization | yes | yes | yes |
| UV lamp frequency | 254 nm | 254 nm | 254 nm |
| Ozone generator | yes | yes | – |
| Remote control | yes | yes | yes |
| Indicators of: temperature, humidity, air quality, filter change | no | yes | si |



UV cabinets

Family of UV sanitizers of three different sizes. The effectiveness of ultra violet rays is known to eliminate germs from any surface.

In the field of hygiene, they are widely used in different sectors: the elements to be sanitized are introduced into the chamber where they will be subjected to UV light for a defined time.

After the process, a good part of the microorganisms present will have disappeared.

- **Ref. 100500:** Ideal for small objects such as mobile phones, masks, key rings, coins, jewelry, etc. Highly recommended for personal use. With drying function through heating resistance.



- **Ref. 100502:** Medium-sized. Its camera allows to process the same type of articles as the previous model, but in greater quantity; or if you prefer, larger objects. Ideal for clinics and laboratories.



- **Ref. 100504:** The interior of the cabinet is made entirely of easy-to-clean stainless steel. Contains 10 levels of trays in which instruments can be stored. The deposited elements will be subjected to the action of UV rays.



SPECIFICATIONS

| Reference | 100500 | 100502 | 100504 |
|--------------|------------------|---------------------|--------------|
| Height | 120 mm | 300 mm | 500 mm |
| Width | 296 mm | 290 mm | 350 mm |
| Depth | 195 mm | 200 mm | 260 mm |
| Weight | 1 kg | 4.5 kg | 8 kg |
| Power supply | 110-240 V, 50 Hz | 220 V, 50 Hz | 220 V, 50 Hz |
| Power | 150 W | 4 W | 15 W |
| Timer | 10 min. | 0-60 min/continuous | 0-999 min |



Purifier / Nebulizer Ref. 100520

High efficiency purifier-nebulizer device, capable of atomizing the disinfectant solution creating a very fine mist that penetrates every corner.

- The droplet size can be adjusted, as well as the jet launch distance.
- Using the appropriate products, it is possible to efficiently disinfect large surfaces in just a few minutes (up to 100 m² in just 10 minutes).
- Its 5 l tank. allows spraying many square meters on a single charge.
- The reduced weight of the nebulizer - about 3 kg -, together with the practical banner tape that is included, allows a comfortable, efficient and safe use.
- The device is essential to disinfect medium-sized surfaces.

SPECIFICATIONS

| | |
|-----------------|--------------------------|
| Height | 250 mm |
| Length | 570 mm |
| Width | 335 mm |
| Weight | 2.7 kg |
| Power supply | 230 V / 50 Hz |
| Power | 1000 W |
| Tank | 5 l. |
| Spray volume | 470 ml/minute |
| Droplet size | Adjustable: 100 - 150 µm |
| Effective range | Adjustable: 3-8 m |

Calypso ultrasonic cleaner

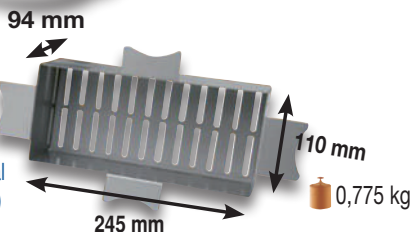
Ref. 080422

The "Calypso" model is a last generation Ultrasonic Cleaner that includes the latest innovations: Sandwich type transducers, with 100 W real power transmitted to the tank; working frequency of 40 KHz., representing an optimum compromise between sonority and cleaning power; electronic time control run by a microprocessor, with digital display and warning acoustic signals; automatic heating system of the cleaning liquid; high density polyurethane body, a material resistant to chemical agents; tank of 4 litre capacity and waste pipe; etc. All these characteristics are complemented by an attractive line of careful design. The machine is supplied with the following accessories:



- A stainless steel basket for equipment cleaning.
- A glass for cleaning of little instruments and its support.
- A lid that eliminates the noise while working and prevents dirt coming into the cleaner.
- Ref. cleaner tweezers (MESTRA Ref. 070520).

Ref. 080422-26 Optional Long basket (not included)



SPECIFICATIONS

| | |
|------------------|-----------------|
| Height | 220 mm |
| Width | 425 mm |
| Depth | 270 mm |
| Weight | 4,5 kg |
| Tank capacity | 4 l. |
| Voltage | 230 V. 50/60 Hz |
| Transducer power | 100 W |
| Frequency | 40 khz |

(L) 420 x (W) 360 x (H) 300 mm 9,000 kg

Ultrasonic bath: 5.8, 2.8 l.



Ref. 100152



Ref. 100152 - Inner dimensions:
Height 155 mm x Width 298 mm x Depth 152 mm

Made of stainless steel: high resistance to wear and tear and long service life. Easy-to-use digital time control. It has a drain on the side. Time from 1 to 99 minutes. Temperature from 1 to 80°C. Suitable for cleaning 3D printed models with resin.

| | Ref. 100152 | Ref. 100150 |
|---------------|----------------|----------------|
| Height | 295 mm | 240 mm |
| Width | 385 mm | 315 mm |
| Depth | 180 mm | 165 mm |
| Weight | 5.400 kg | 3.980 kg |
| Tank Capacity | 5.800 ml | 2.800 ml |
| Voltage | 230 V 50/60 Hz | 230 V 50/60 Hz |
| Power Ultr. | 180 W | 120 W |
| Heating power | 200 W | 100 W |
| Frequency | 40 Khz | 40 Khz |

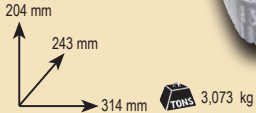
Ref. 100150



Ref. 100150 - Inner dimensions:
Height 100 mm x Width 238 mm x Depth 140 mm

Ultrasonic bath 2.5 L. Ref. 100140

Very comfortable and practical for cleaning small objects in the Dental Laboratory and Clinic. 2.5-litre capacity tank. It has a heating system and an electronic timer. The equipment is supplied with a protective plastic tray.



| | |
|-----------|--------------------|
| Voltage | 220-240 V 50/60 Hz |
| Power | 80 W |
| Capacity | 2500 ml |
| Frequency | 35 kHz |

(L) 360 x (W) 275 x (H) 240 mm 3,500 kg

Ultrasonic bath, 3 L. Ref. 100142

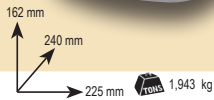


For cleaning small objects in the laboratory and dental practice. With detachable cable, drain valve and hose. Includes plastic protective basket and drain hose.

| | | | |
|---------|-----------|-----------|---------|
| Voltage | 220-240 V | Capacity | 3000 ml |
| Power | 150 W | Frequency | 36 kHz |

Ultrasonic bath 1.4 L. Ref. 100141

Essential machine in both Dental Lab and Clinic. Real power of 60 W. that guarantees an excellent cleaning power. It has an electronic timer with 7 segments display.

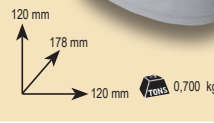


| | |
|-----------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 60 W |
| Capacity | 1400 ml |
| Frequency | 42 kHz |

(L) 430 x (W) 270 x (H) 270 mm 2,500 kg

Ultrasonic baths

(mini) Ref. 100144

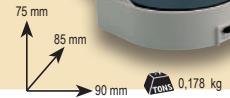


| | |
|-----------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 21 W |
| Capacity | 140 ml |
| Frequency | 42 kHz |

(for denture cleaning) Ref. 100160



Batteries not included



Voltage 2 batteries AA

Distiller / Decalcifier Ref. 100210



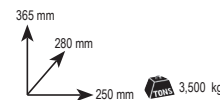
Simple and practical appliance. Simply fill the tank with tap water to get 4 litres of distilled water in around 5 hours. Totally automatic and silent operation. The cleaning of the tank is easy and quick. The water produced is very pure (between 2 and 10 mg/ litre of solid residue) and can be used in a large number of applications in the dental clinic and laboratory (autoclaves, creation of compounds, steam generating machines, etc.). The appliance is supplied with a 4-litre PVC tank, a set of activated carbon filters and a can of citric acid to clean the tank. **IMPORTANT-** The water supplied for the appliance is "DISTILLED". However, it cannot be used for syringes, vials, cleaning wounds and generally any surgical application that requires TRI-DISTILLED purity.



Distiller cleaner refill (500 g.) R-100210-01



Spare still filters (6 u.) R-100210-02



| | |
|----------|----------------|
| Voltage | 230 V 50/60 Hz |
| Power | 580 W |
| Capacity | 4 L. |

(L) 285 x (W) 285 x (H) 400 mm 5,068 kg

Tank for distilled water Ref. 080620

A tank specially designed for the storage and supply of distilled water under pressure in the dental sector.

Before filling the tank, it must be properly cleaned and sterilized. Do not use detergents containing hydrochloric acid, hypochlorous acid, etc.

Work pressure: 5 bar
Connection: Ø 6 mm pipe.

Made of stainless steel.
With a pressure regulator
and a **double safety valve**.

SPECIFICATIONS

| | |
|-------------------------------|-----------|
| Height | 680 mm |
| Width with pressure regulator | 255 mm |
| Diameter | 225 mm |
| Weight | 4,7 kg |
| Capacity | 18 litres |



Automatic bag sealer Ref. 080435

Start Date: 20200512 Exp. Date: 20200611 Batch No.: 00000000 Operator: Higienista Department: Seccion esteril Note: Prog. envuelto ID: D119C032

- 7" touch screen with indications.
- Quick heating system for a perfect seal.
- The sealing temperature can be regulated by the user.
- Its integrated printer allows marking the obtained records, for a correct traceability, both in the clinic and in the laboratory.
- In accordance with standards ISO11607-2: 2006 and EN868-5-2009

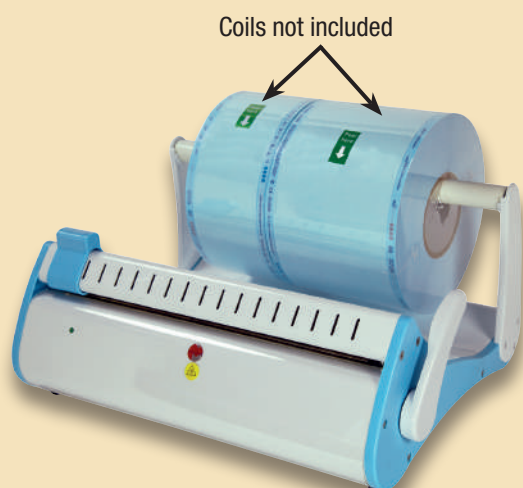
Optional roller
Ref. 080436



| | |
|------------------|--------------------|
| Sealing speed | 10 m/minute |
| Temperature | 60-220°C |
| Sealing pressure | 86 N |
| Power | 500 W |
| Dimensions | 635 x 240 x 200 mm |
| Weight | 17 kg |

Bag sealer Ref. 080433

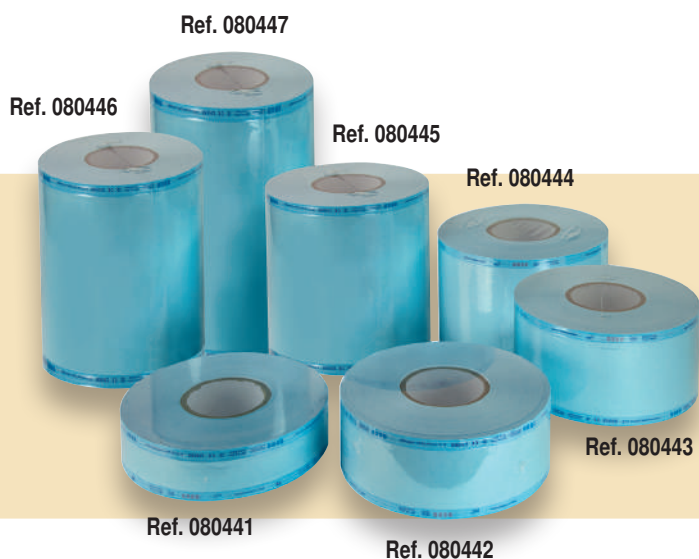
Simple and nice looking bag sealer. Despite its small size, it has a sealing length of 305 mm and a sealing width of 12 mm. These features are similar to those of sealers of much higher cost. It is ideal for the dental clinic.



| | |
|---------|----------------|
| Height | 210 mm |
| Width | 430 mm |
| Depth | 335 mm |
| Weight | 6.5 kg |
| Voltage | 230 V 50/60 Hz |
| Power | 100 W |

(L) 500 x (W) 415 x (H) 245 mm 8.7 kg

Sterilization rolls



| | |
|-------------|----------------|
| Ref. 080441 | 5 cm x 200 m |
| Ref. 080442 | 7.5 cm x 200 m |
| Ref. 080443 | 10 cm x 200 m |
| Ref. 080444 | 15 cm x 200 m |

| | |
|-------------|---------------|
| Ref. 080445 | 20 cm x 200 m |
| Ref. 080446 | 25 cm x 200 m |
| Ref. 080447 | 30 cm x 200 m |

Self-sealing sterilization pouch

New bags 5x9 cm
The smallest on
the market!



200 units
per package

| | |
|-------------|------------|
| Ref. 080448 | 5 x 24 cm |
| Ref. 080449 | 7 x 26 cm |
| Ref. 080450 | 9 x 26 cm |
| Ref. 080451 | 5 x 9 cm |
| Ref. 080452 | 14 x 28 cm |

| | |
|-------------|-------------|
| Ref. 080454 | 19 x 36 cm |
| Ref. 080456 | 25 x 40 cm |
| Ref. 080457 | 30 x 40 cm |
| Ref. 080458 | 30 x 45 cm |
| Ref. 080459 | 5.7 x 13 cm |

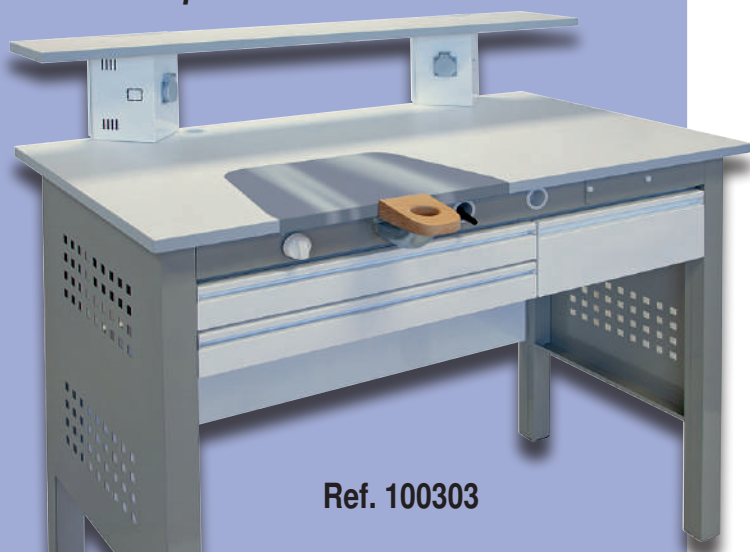
Class I medical device
(MDR 2017/745) Conforming to
standards ISO 11607-1:201
and EN 868-5:2009

Made in Spain

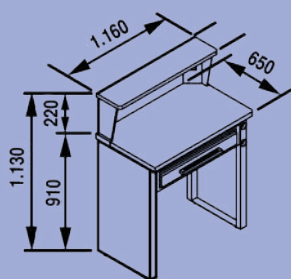
Tables for 1 and 2 workstations



Very high quality work tables. Assembly is simple. They have all the elements and accessories for work in dental environments: plugs, shelf / shelf, drawers, stainless steel work tablecloth-dolly, air blower, etc. They also come with a pre-installation for a gas burner. They also incorporate a practical chipper that fits perfectly with the **Orión work box (Ref. 080214 from MESTRA)**, forming a compact and fully integrated set.

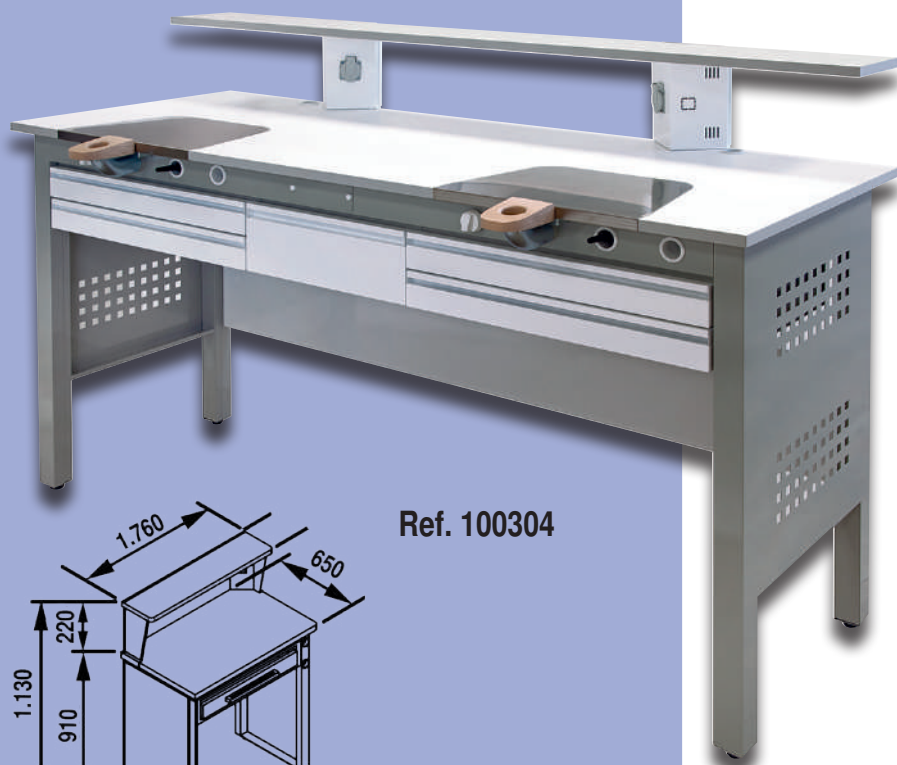
The dimensions and geometries allow the easy incorporation of other **MESTRA** products (Eolo Aspiration, micromotors, curing lights, etc.), creating an ergonomic and highly productive work environment.



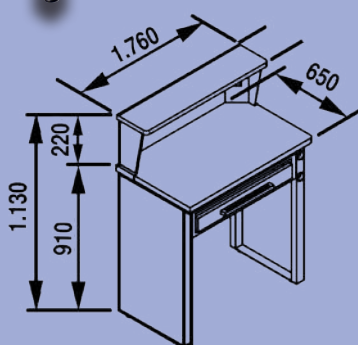
Ref. 100303



 (L) 720 x (W) 520 x (H) 1350 mm  70 kg





Ref. 100304



Ref. 100303 Ref. 100304

| | | |
|------------|---------|---------|
| Height | 910 mm | 910 mm |
| Width | 1160 mm | 1760 mm |
| Depth | 650 mm | 650 mm |
| Weight | 55 kg | 80 kg |
| Connection | 220 V | 220 V |

 (L) 720 x (W) 520 x (H) 1940 mm  96 kg

Finishing table

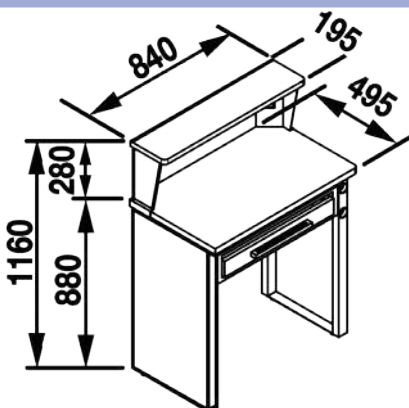
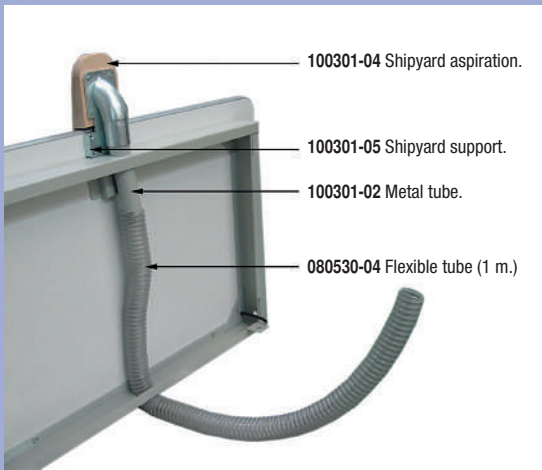
Ref. 100301

Made in Spain



Metal work table with wooden worktop.
Assembly is simple.
They have all the elements and accessories for work in dental environments: 2 sockets, shelf, drawer, etc.

 (L) 900 x (W) 600 x (H) 660 mm  46,000 kg



(Kit) Finishing table

Ref. 100301 K2

- Metal table, wood worktop.
- Chair for workstation.
- Polishing lathe + 2 trays.
- Micromotor.
- LED lamp.



GIFT:

- ★ Magnifying glass.
- ★ Magnet bur holder.



Chair for workstation

wheels with safety brake
(EN 1335-2:2009)
Ref. 100300

 (L) 950 x (W) 610 x (H) 100 mm  63,000 kg



Without wheels
Ref. 100297

1 lifting movement



With wheels
Ref. 100298

Work chairs specially designed for the dental laboratory. Comfortable, ergonomic and easy to clean. Allow 1 seat height adjustment. The material used is spongy polyurethane in black.

Ref. 100297 Ref. 100298

| | | |
|------------------|--------|--------|
| Max. seat height | 660 mm | 555 mm |
| Min. seat height | 460 mm | 420 mm |
| Seat dept | 450 mm | 450 mm |
| Seat width | 460 mm | 460 mm |
| Weight | 9 kg | 8 kg |

Work chair

Ref. 100299

4 different regulations allowed: seat height and inclination and backrest height and angle of inclination.



| | |
|-------------|---------|
| Max. height | 555 mm |
| Min height | 420 mm |
| Depth | 450 mm |
| Width | 460 mm |
| Weight | 10.3 kg |

Wheels with safety brake
(EN 1335-2:2009)

Work chair

Ref. 100300



4 different regulations allowed: seat height and inclination and backrest height and angle of inclination.

Wheels with safety brake
(EN 1335-2:2009)

| | |
|------------------|--------|
| Max. seat height | 515 mm |
| Min. seat height | 390 mm |
| Seat depth | 420 mm |
| Seat width | 420 mm |
| Weight | 9 kg |

(L) 610 x (W) 610 x (H) 325 mm 10.5 kg

Electric mobile trolley

Ref. 100307

Made of steel sheet and enameled in white.

3 trays of 290 x 396 mm.
3 sockets to power the equipment.
4 wheels with smooth and balanced movement.
Weight supported per tray: 5 kg



785 mm
405 mm
490 mm
11 kg

(L) 430 x (W) 520 x (H) 860 mm 12 kg



Electric mobile trolley

Ref. 100305

Made of steel sheet and enameled in white.
3 trays of 40 x 30 cm.
2 sockets to power the equipment.
4 wheels with smooth and balanced movement.



780 mm
400 mm
418 mm
12.500 kg

(L) 510 x (W) 420 x (H) 840 mm 15 kg

Electric mobile trolley

Ref. 100306

Made of steel sheet and enameled in white.

3 glass trays.
2 sockets to power the equipment.
4 wheels with smooth and balanced movement.



770 mm
370 mm
490 mm
20 kg

(L) 575 x (W) 560 x (H) 845 mm 25,5 kg

Electric mobile trolley

Ref. 100309

Electric mobile trolley with wheels for the dental clinic. Made of resin and steel sheet enameled in white.

3 sockets to power the equipment.
3 drawers.
1 power sockets.
White colour.
Smooth glide.



800 mm
400 mm
480 mm
20 kg

(L) 480 x (W) 540 x (H) 840 mm 21 kg

Electric mobile trolley

Ref. 100308

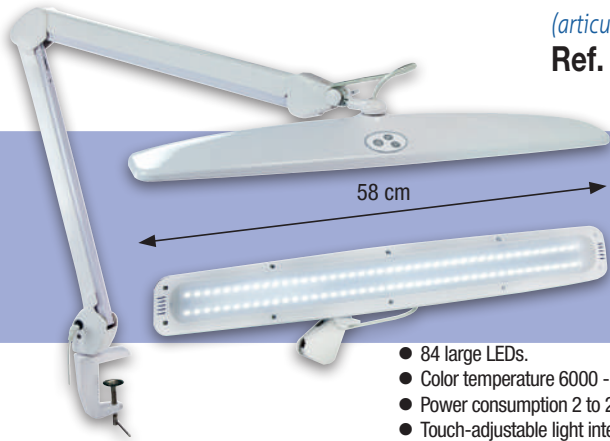


Made of steel sheet and enameled in white.
3 trays of 290 x 396 mm.
3 sockets.
1 drawer.
4 wheels with smooth and balanced movement.
Weight supported per tray: 5 kg

785 mm
405 mm
490 mm
15 kg

(L) 430 x (W) 520 x (H) 860 mm 16 kg



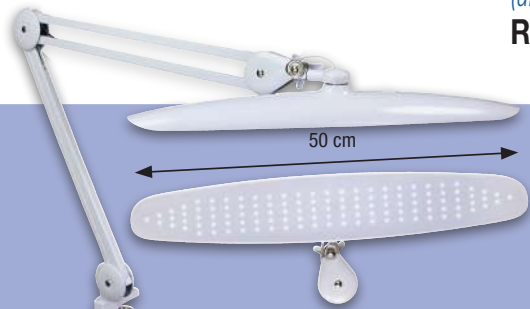


LED lamp
(articulated arm)
Ref. 100288

58 cm

- 84 large LEDs.
- Color temperature 6000 - 7000 K
- Power consumption 2 to 21 W
- Touch-adjustable light intensity
- Free of Flicker effect
- With clamp for fastening to the table
- Highly resistant articulated arm

(L) 760 x (W) 285 x (H) 120 mm 2.9 kg

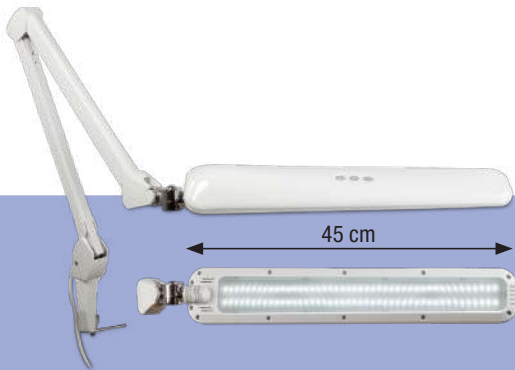


LED lamp
(articulated arm)
Ref. 100290

50 cm

- 117 small LEDs.
- Color temperature 600 - 6000 K
- Power consumption 6 to 24 W
- Free of Flicker effect
- With clamp for fastening to the table

(L) 680 x (W) 220 x (H) 130 mm 2.6 kg



LED lamp
(articulated arm)
Ref. 100289

45 cm



- 90 large LEDs
- Color temperature 6000 - 7000 K
- Touch-adjustable light intensity
- With clamp for fastening to the table

(L) 555 x (W) 420 x (H) 75 mm 2,9 kg



Magnifying glass with LED lamp
(3 diopter lens) Ref. 100287
(5 diopter lens) Ref. 100287-5x

- 90 white LEDs
- 3 - 5 diopter lens
- Ø 120 mm lens
- Clamp to fix it to the table

(L) 540 x (W) 255 x (H) 110 mm 3 kg

Accessories

for lamps and magnifying glass

Ref. 100287 - 100287-5X - 100288 - 100290



Ref. 100288-02
(Clamp support)



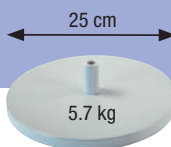
Ref. 100288-03
(wall bracket)



Ref. 100288-10
(Lamp base)



Ref. 100288-04
(Screwable table support)



Ref. 100288-07
(Desktop stand)

LED lamp

(flexible arm)

Ref. 100286



(L) 540 x (W) 255 x (H) 110 mm 3 kg

Working lamp

Waldmann W



MODEL: HX 35 TM
Ref. 110035 (6.000 Lux)

(L) 635 x (W) 210 x (H) 130 mm 2 kg



MAGNIFYING GLASS WITH LIGHT
MODEL: RLL 122T
Ref. 110122 (22 W)

(L) 920 x (W) 345 x (H) 120 mm 4,5 kg

Resin mixer

Ref. 150130

Agitation device of resin bottles. Double movement, rolling and swing, so the mixing action is smooth and highly efficient. The characteristics of the resin are not altered due to an excessively energetic movement. A homogeneously mixed resin is indispensable to get an excellent print job. The machine is silent and has a speed regulator.



| | |
|--------|---------|
| Height | 103 mm |
| Width | 253 mm |
| Depth | 480 mm |
| Weight | 3.12 kg |

Curing light Sun Beam 3D

Ref. 150121



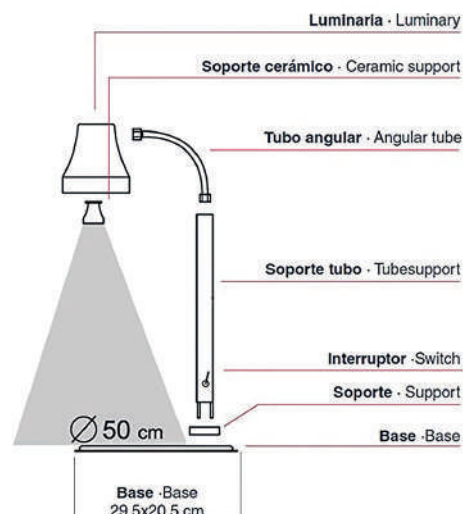
| | |
|-------------------|------------------|
| Height | 250 mm |
| Width | 300 mm |
| Depth | 300 mm |
| Weight | 6 kg |
| Wavelength | LED 400 - 405 nm |
| Useful dimensions | Ø260 x 140 mm |



| | |
|--------------|--------------------|
| Min. height | 560 mm |
| Max. height | 705 mm |
| Width | 350 mm |
| Depth | 380 mm |
| Weight | 1.15 kg |
| Material | Aluminio |
| Power supply | 220-240 V 50-60 Hz |
| Power | 275 W |

Lamp for zirconia drying Ref. 100030

The Mestra zirconium drying lamp is an infrared lamp with thermal radiation. It is used to dry the zirconia structures after immersion in the coloring liquid, to avoid corrosion of the sintering furnace resistances due to the acid contained in the liquid. The drying time of the frameworks depends on the type of framework. For bridges up to 5 elements, a drying time of 45 minutes is recommended. For bridges from 5 elements, 90 minutes. Lamp made of aluminum. It is advisable to keep the lamp 45-53 cm away from the material.



Ref. 150100



MagicEye is a scanner especially designed for use within the industry dental. Its **powerful and intuitive** software incorporates a modern and extensive set of commands, as well as being fully compatible and integrable with 3D dental design applications, which gives it great versatility.

| | |
|-------------------|---|
| Method | Contactless scanning |
| Precision | <10 µm |
| Speed | 6 sec. bite scan 9 sec. lower/upper jaw scan |
| Weight | 5 kg (no power supply and accessories) |
| Camera resolution | 2 x 1,3 MP |
| Room temperature | 10 - 30°C |
| Power supply | 230 V 24 VDC |
| Output format | STL |
| Light source | Azul |

ACCESSORIES INCLUDED WITH THE SCANNER

| Accessories | Model | Poupose | Accessories | Model | Poupose |
|-------------------------------------|-------|---|-------------------------------------|-------|---|
| Multi-die jig Ref. 150100-01 | | After filling the hole with plasticine, it can be used for inserting the abutment teeth | General bock jig Ref.150100-07 | | Used for calibration, scanning model, impression and die |
| Gum jig Ref. 150100-02 | | Used for fixing both upper and lower jaw on fixture through rubber band or BluTack | Clamp jig Ref. 150100-08 | | Used to fixing both upper and lower jaw on fixture through an adjustable clamp. |
| Articulator jig Ref. 150100-03 | | Used for model scanning | Articulator plate Ref. 150100-09 | | For articulator scanning. |
| Calibration board Ref. 150100-04 | | For calibrating the scanner | Power source Ref. 150100-10 | | Power source AC 230 V. DC 24 V. |
| 2 Base jigs Ref. 150100-05 | | Used for fixing both upper and lower jaw on fixture through rubber band or BluTack | USB key Ref. 150100-11 | | To enable the use of software. |
| Impression jig Ref. 150100-06 | | For impression scanning | Scan spray Ref. 130355 | | Indispensable to achieve an optimal scan, increasing the resolution in the worst reading areas. |



Very fast scan



High accuracy



High resolution scan

Buying and after-sales experience



Installation

Once the scanner has been received, one of our official distributors will accompany you throughout the installation process of the scanner and its accessories.



After sales

The warranty is 1 year. You can choose from several after-sales service options (Basic, Advanced, and Professional).

For this, we have the collaboration of **ExoDesign Dental** (Company specialized in digital flow and CAD-CAM training).



Training

The final price of the scanner includes a training valued at 300 €, taught by **ExoDesign Dental**. Throughout the start-up process, you will be accompanied by one of our official distributors



Spray for laboratory *scanner* Ref. 130355

Indispensable to achieve an optimal scan, increasing the resolution of the areas with the worst reading in a model. Color and texture have been formulated to be very sharp at the lighting frequencies commonly used by dental scanner projectors. Drying times are extremely fast, which improves productivity. Debris sprayed on unwanted surfaces can be easily cleaned. The package contains 200 ml.

European Directives

European Directives set "essential requirements" for the safety of persons and goods to protect users and the environment. Our products are affected by four Directives:

- Directive 2014/35/UE, known as the "Low Voltage Directive".
- Directive 2006/42/CE, known as the "Machines Directive".
- Directive 2014/30/UE, known as the "Electromagnetic Compatibility Directive (CEM)".
- Directive 93/42/CE, known as the "Medical Devices Directive".

Our products meet the requirements of the Directives which affect them, and bear the CE mark as proof of compliance. We are at the disposal of our customers to provide any information they may require on this matter.

The manufacturer reserves the right to modify he products without previous notice

Anodizing unit



**Solution of water (600 ml)
and sodium bicarbonate (20 g)**

Ref. 100295

This device allows you to process titanium dental elements quickly, easily and economically. The results are comparable to products belonging to a much higher category.

- ✓ Corrosion resistance.
- ✓ Wear resistance.
- ✓ Better adhesion and surface finish.
- ✓ Less release of metal ions.
- ✓ It works with a solution of water and sodium bicarbonate.

Appearance:

The anodic layer can be colored with different shades, giving the titanium a more attractive appearance than the original taupe.

| |
|-------------------------------------|
| Dimension 207 x 245 x 160 mm |
| Weight: 2,73 kg |
| Voltage: 10-65 V |
| Power supply: AC220-240 V, 50/60 Hz |
| Power: 100 W |
| Anodizing time: 5 seconds |



Aspirations Sirocco

The modular nature of this range of aspiration units, provides solutions for clinic and laboratory, allowing the user to choose unit size, arm type, filtering system, etc.

The S model incorporates two stages of HEPA filtration. (high efficiency particle filter). Besides, an external micro-motor detection system and power adjustment in seven levels are also included.

The M and L models are sturdy aspirations, silent and highly reliable. The M is practical for use under the work table and the L (with a big capacity) for CAD/CAM aspiration systems. They incorporate an external connection to a micromotor and a milling machine that will allow to work synchronously with the unit.

- ✓ Motor de inducción (sin escobillas)
- ✓ Induction motor (brushless).
- ✓ Amazing suction power.
- ✓ Efficient low noise aspiration (55 dB).
- ✓ Easy removal and cleaning of the filters.

Sirocco S specifications

Height 135 mm • Width 280 mm • Depth 280 mm • Weight 3.1 kg • Power 350 W

Sirocco M specifications

Height 580 mm • Width 290 mm • Depth 330 mm • Weight 11 kg • Power 800 W

Sirocco L specifications

Height 800 mm • Width 290 mm • Depth 330 mm • Weight 13 kg • Power 800 W



Sirocco S with clinical working box
Ref. 080534AC



Sirocco M with flexible tube
Ref. 080536D1



Sirocco L with flexible tube
Ref. 080537D

Sense A7 - Induction

Ref. 100230

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.



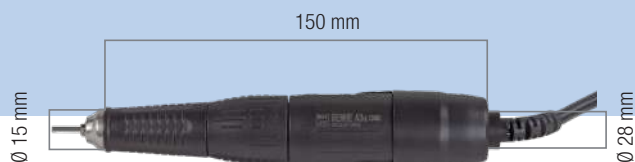
| Specifications |
|------------------------------|
| Dimension 185 x 175 x 128 mm |
| Weight: 4,27 kg |
| Maximum speed: 55000 rpm |
| Torque: 8.5 N-cm |
| Power: 240 W |
| Output voltage: 0-36 V |
| Handpiece weight: 230 g |



Sense A3 - Brushes

Ref.: 100238 (white)

- ✓ Motor with brushes.
- ✓ Manual or pedal speed control.
- ✓ ON/OFF pedal.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.



| Specifications |
|-----------------------------|
| Dimension 147 x 120 x 88 mm |
| Weight: 1,15 kg |
| Maximum speed: 35000 rpm |
| Torque: 3.0 N-cm |
| Power: 70 W |
| Voltage: 0-33 V |
| Handpiece weight: 215 g |
| Diámetro fresas: Ø2.35 mm |

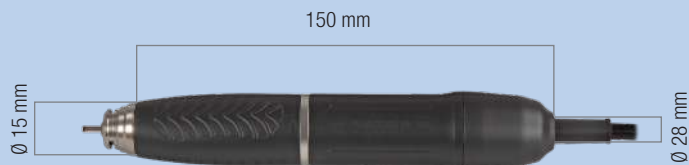


Also available
in graphite color
(ref.: 100240)

Sense A6 - Induction

Ref.: 100232 (white)

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Automatic speed maintenance function.
- ✓ High/Medium/Low speed.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.



| Specifications |
|------------------------------|
| Dimension 246 x 162 x 102 mm |
| Weight: 2,47 kg |
| Maximum speed: 55000 rpm |
| Torque: 8.0 N-cm |
| Power: 230 W |
| Voltage: 0-36 V |
| Handpiece weight: 240 g |

Also available
in graphite color
(ref.: 100234)



Prime 221 - Induction

Ref.: 100236

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Displayed speed.
- ✓ Right & Left turning ability
- ✓ Overload protection function.
- ✓ Fault warning function.



| Specifications |
|-----------------------------|
| Dimension 191 x 130 x 90 mm |
| Weight: 2,8 kg |
| Maximum speed: 50000 rpm |
| Torque: 5.8 N-cm |
| Power: 120W |
| Voltage: 0-36 V |
| Handpiece weight: 205 g |

TITAN 8 (ref. 100202)

Is the first option.
Distilled Water is loaded directly into the boiler.

TITAN AUTOFILL (ref. 100203)

It also has a pump to suck distilled water from an external bottle.

- ✓ Made of stainless steel with high quality components.
- ✓ Digital pressure switch.
- ✓ Full and lack of water indicator.
- ✓ Connection cable with built-in differential switch.
- ✓ Drain tap with safety lock.

| Specifications 100202 and 100203 |
|----------------------------------|
| Height 36 cm |
| Width 27 cm |
| Depth 42 cm |
| Power 2200 W |
| Voltage 220 V, 50/60 Hz |
| Presión 8 bar |
| Weigth 12,5 kg |
| Boiler 3 L |



Ref. 100202



External bottle not included.

Ref. 100203

Professional use

Additional Information: 100202, 100203, 100204

They are supplied with the following accessories:

- ✓ Power cord with built-in protection.
- ✓ Fine and long replacement nozzle.
- ✓ Replacement safety cap and 2 gaskets.
- ✓ Funnel and measuring cup (300 ml).

In models with direct connection to the water intake:

- ✓ Necessary hoses for water inlet/outlet connection.

Ref. 100202

- ✓ Manual filling.

Ref. 100203

- ✓ Manual filling.
- ✓ Autofill without previous cooling (**external bottle**).

Ref. 100204

- ✓ Manual filling.
- ✓ Autofill without previous cooling (**integrated tank**).
- ✓ Direct water net connection.

TITAN PLUS (ref. 100204)

Also has an internal tank for distilled water storage. You can load water into this extra tank without having to turn off the machine and wait for the pressure inside the boiler drops. Simply open the auxiliary tank cap and pour more water when you need it.

Safer and without interruptions.

| Specifications 100204 |
|-------------------------|
| Height 38 cm |
| Width 37 cm |
| Depth 45 cm |
| Power 2600 W |
| Voltage 220 V, 50/60 Hz |
| Presión 4 - 8 bar |
| Weigth 18 kg |
| Boiler 3 L |
| Auxiliary tank 2 L |



Professional use

| Description | Page | Description | Page |
|---------------------------------------|----------|-------------------------------------|-------|
| 3D CURING LIGHT UV | 81 | CERAMIC, FIRING PEGS | 49 |
| 3D SCANNER | 82 | CERAMIC, PLIERS | 12 |
| 3D, ROLLING MIXER FOR PRINTER LIQUIDS | 81 | CERAMIC, SET OF INSTRUMENTS | 17 |
| ABRASIVE DISKS | 67 | CERAMIC, TRAY FOR FURNACE | 49 |
| ABRASIVE STONES | 66-67 | CERAMICS, PORTIONER | 13 |
| ADERER PLIERS | 12 | CERAMICS, TOOL SET | 17 |
| AGATE SPATULA | 11 | CHAIR FOR WORK | 79 |
| AIR NOZZLE, RUBBER | 56 | CHISEL, PNEUMATIC | 49 |
| AIR PURIFIER | 72 | CICLON | 63 |
| ALCOHOL BURNER - BUFFALO | 36 | CLAMPS | 6-7 |
| ALGINATE BOWL | 13 | CLIP FOR ARTICULATION PAPER | 13 |
| ALGINATE SPATULA STAINLESS STEEL | 10-11 | COMPOSITE HEATER | 34 |
| ALGINATE, BOWL | 13 | COMPRESSORS | 71 |
| ALTAMIRA | 61 | CONES FOR CASTING RINGS | 49 |
| ALUMINIUM OXIDE | 56 | CONSTELLATION | 53 |
| ANETO | 51 | CONTAINER FOR MODELS | 18 |
| ANGLE PLIERS | 12 | CORD | 18 |
| ARCH FOR SAWS | 15 | COSMOS | 52 |
| ARTICULATION PAPER CLIP | 13 | CROWN CALLYPER | 15 |
| ARTICULATORS | 3-4 | CROWN SCISSORS | 13 |
| ASPIRATION | 68-70-71 | CROWNS, PLIERS | 12 |
| ASPIRATION PEG | 78 | CRUCIBLE TONGS | 10 |
| ASPIRATION, POLILSHER BOX | 58 | CRUCIBLES | 45 |
| ATACHE TONGS | 37 | CURING BASE PLATES, LIGHT | 43 |
| ATLAS | 28 | CURING LIGHT | 43 |
| AUTOSEALING BAGS FOR SEALING MACHINE | 76 | CURING LIGHT- 3D - UV | 81 |
| BAGS FOR SEALING MACHINE, AUTOSEALING | 76 | CUTTER | 10 |
| BASE MODELFORMER | 5 | CUTTER FOR JELLY | 15 |
| BASE PLATE | 30 | DECANTER | 27 |
| BEALE, CARVERS | 11 | DIAMOND BURS | 67 |
| BI-V-PIN | 29 | DIAMOND DRESSER | 10 |
| BLOWTORCH | 36 | DIE TRAY SYSTEM | 34 |
| BOBBIN FOR SEALING MACHINE | 76 | DIGITAL | 81 |
| BOOMERANG | 21 | DISCS FOR CUTTING AND POLYSHING | 67 |
| BOWL FOR PLASTER BEATING | 13 | DISCS, FELT | 60 |
| BOWL FOR VACUUM MISER | 23 | DISINFECTANT, NEBULIZER | 73 |
| BOWL OF SILICONE | 13 | DISPENSER FOR WATER-PLASTER | 21 |
| BOWS FOR SAWS | 15 | DISTILLED WATER, TANK | 75 |
| BOX FOR DENTURES | 18 | DISTILLER - DECALCIFIER | 75 |
| BOX FOR FINISHING | 54 | DOSE MEASURING SPOON | 15 |
| BOX FOR ORTHODONTIC MODELS/PLATES | 18 | DOWEL PIN | 30 |
| BOX FOR PROTHESIS | 18 | DRESSER, DIAMOND | 10 |
| BOX FOR STEAM CLEANING | 61 | DRILL SUPPORT PARALLELOMETRE V3 | 37 |
| BOXES FOR MODELS | 18 | DRYING OVEN | 51 |
| BOXES FOR TRANSPORT | 18-19 | DUPLICATING FLASKS | 9 |
| BRUSHES | 60 | E2 WASHING AND POLIMERIZING MACHINE | 39-41 |
| BUFFALO, ALCOHOL BURNER | 36 | ECLIPSE | 52-54 |
| BUNSEN GAS BURNER | 36 | ELECTROLYTIC BATH | 61-80 |
| BUR CLEANER TWEEZERS | 12 | ELECTROLYTIC, POLISHING SOLLUTION | 61 |
| BUR STAND | 12 | ELECTRONIC SPATULA FOR WAX | 37 |
| BURNER FOR GAS | 36 | EOLO | 70 |
| BURNER, INDUCTION | 36 | ERMERT WAX KNIFE | 10 |
| BURS IN DIAMOND | 67 | FACE BOW | 4 |
| BURS OF TUNGSTEN | 66 | FACE PROTECTION | 14 |
| CALLYPER | 15 | FELT DISCS | 60 |
| CALLYPSO | 74 | FINISHING BOX | 57-68 |
| CARVERS FOR WAX MODELING | 11 | FINISHING TABLE | 78-79 |
| CARVING INSTRUMENT | 15 | FIRING PEGS | 49 |
| CASTING MACHINE | 44 | FLASK - DUPLICATING | 9 |
| CASTING RING CLEANER/WAX-REMOVER | 47 | FLASK - INJECTION | 8-9 |
| CASTING RINGS | 49 | FLASK FOR MICROWAVES | 9 |
| CATALYTIC CONVERTER FOR FURNACES | 46 | FLASKS | 8 |
| CEMENT SPATULA | 11 | FLASKS - BRASS | 8 |
| CENTRIFUGE | 44 | FORCEPS FOR PLASTER CUTTING | 10 |
| CERAMIC FURNACE | 47 | FORMING SHEETS | 50 |
| CERAMIC SOLDERING TWEEZERS | 10 | FRETSAW | 15 |

| Description | Page | Description | Page |
|-------------------------------------|-------|----------------------------------|-------------|
| FURNACE FOR CERAMIC | 47 | MICROSPHERE, GLASS | 56 |
| FURNACE, PRE-HEATING | 46 | MICRO-VACUUM PUMP | 13 |
| FURNACE, ZIRCONIA MICROWAVES | 48 | MICROWAVES FLASK | 9 |
| G-3 CENTRIFUGE | 44 | MICROWAVES, ZIRCONIA FURNACE | 48 |
| GALAXY | 52 | MILLER ARTICULATION PAPER CLIP | 13 |
| GAS BURNER | 36 | MINI SANDBLASTING | 55 |
| GAS BURNER | 36 | MIXER CUP | 13 |
| GASKETS FOR FORMING | 50 | MIXING TIPS | 15 |
| GEISSER | 42 | MODEL CONTAINER | 18 |
| GEL BAT 6 | 51 | MODEL FORMERS | 4 |
| GEMINI | 71 | MODEL INDIVIDUALIZER | 34 |
| GERMICIDE BOX (FOR BURS) | 12 | MODEL SAW | 34 |
| GLASS ABACULUS | 16 | MODEL TRAY | 20 |
| GLASS MICROSPHERE | 56 | MODEL TRIMMER | 24-25-26-27 |
| GORBEA | 58-59 | MODEL TRIMMER FOR INSIDES | 28 |
| GRATING FOR TEETH CLEANING | 62 | MODELING, WAX CARVERS | 11 |
| GUN FOR SANDBLASTING | 55 | MOTOR SUPPORT (TABLE WITH CLAMP) | 66 |
| HAMMACHER PLIERS FOR CROWNS | 12 | MOULD FOR WAX | 36 |
| HAMMER | 10 | MULHACEN | 24 |
| HANDLES FOR SCALPEL | 13 | NEBULIZER FOR DISINFECTANT | 73 |
| HEAD MAGNIFIER | 14 | NEW PRODUCTS | 84 |
| HEATER FOR COMPOSITES | 34 | NOZZLE, AIR | 56 |
| HIGH SPEED POLISHER | 60 | ORION | 54 |
| HOLDER FOR INSTRUMENTS | 11 | ORTHODONTIC PLATES BOX | 18 |
| HOLDING CLAMPS FOR WELDING | 14 | ORTHODONTICS, TOOL SET | 17 |
| HYDRAULIC PRESS | 6 | OVER FOR DRYING | 51 |
| HYKIN, CARVERS | 11 | OVERHOIST - CLAMPS | 6 |
| INDIGRAP - MODEL INDIVIDUALIZER | 34 | PAINTBRUSHES | 16 |
| INDUCTION BURNER | 36 | PARALLELOMETRE | 37 |
| INFRARED LAMP FOR ZIRCONIA DRYING | 81 | PASTE FOR POLISHING | 60 |
| INJECTION FLASK OF RESINES | 8-9 | PEG | 78 |
| INJECTION SYSTEM FOR POLYAMIDE | 51 | PIN DRILLING UNIT | 28 |
| INSIDE, MODEL TRIMMER | 28 | PINS (BI-V-PIN, DOWEL PIN) | 29-30 |
| INSTRUMENT TRAY | 17 | PLASTER SPATULA | 10-11 |
| IRIS | 22 | PLASTER CUTTING FORCEPS | 10 |
| IVANSON CALLYPER | 15 | PLASTER KNIFE | 10 |
| JELLY CUTTER | 15 | PLASTER, BOWL FOR BEATING | 13 |
| JELLY MIXER | 51 | PLASTIC SPATULA | 11 |
| KNIFE FOR PLASTER | 10 | PLASTPRESS | 50-51 |
| KNIFE FOR WAX (ERMERT) | 10 | PLATES FOR FORMING | 50 |
| KNIFE WITH FLASKS OPENER | 10 | PLIERS | 12 |
| KOALA | 23 | PLIERS FOR CERAMICS | 12-13 |
| LABORATORY BLOWTORCH | 36 | PLIERS FOR CROWNS | 12 |
| LADLE FOR MOLTEN METAL | 45 | PLIERS RACK SUPPORT | 12 |
| LAMP, INFRA-RED DRYING | 81 | PNEUMATIC CHISEL | 49 |
| LAMP, POLYMERIZER | 43 | PNEUMATIC POLYMERIZING POT | 42 |
| LAMP, WALDMANN | 80 | PODIATRY | 64 |
| LE CRON, CARVERS | 11 | POLI-PLUS PRESSURE POLYMERIZER | 42 |
| LED LAMP | 80 | POLISHER BOX WITH ASPIRATION | 58 |
| LIGHT CURING BASE PLATES | 43 | POLISHER, HIGH SPEED | 60 |
| LIGHT CURING WAX, TI-LIGHT | 38 | POLISHING BOX | 58-59 |
| LIQUID MIXER FOR 3D PRINTER LIQUIDS | 81 | POLISHING LATHE | 58-59-60 |
| M 9-18 | 40 | POLISHING PASTE | 60 |
| MACHINES | 21 | POLISHING PATS | 66 |
| MAGIC 9-18 | 41 | POLISHING SOLUTION, ELECTROLYTIC | 61 |
| MAGNETIC INSTRUMENTS RACK SUPPORT | 12 | POLYAMIDE INJECTION SYSTEM | 51 |
| MAGNETIC STAND | 12 | POLYMERIZER FOR FLASKS | 40-41 |
| MAGNIFIER FOR HEAD | 14 | POLYMERIZER LAMP | 43 |
| MAGNIFIER GLASSES | 14 | PORCELAIN TRAY | 16 |
| MAGNIFYING GLASS | 80 | PORCELAIN, FIRING PEGS | 49 |
| MANDRELS | 67 | PORCELAIN, PINZAS PARA | 12 |
| MCROMOTOR | 63-64 | PORCELAIN, PORTIONER | 13 |
| MEASURER FOR WAX-CROWNS | 15 | PORCELAIN, SET OF INSTRUMENTS | 17 |
| MICROCHAMBER FOR SANDBLASTING | 56 | PORCELAIN, TRAY FOR FURNACE | 49 |
| MICROMOTOR SUPPORT | 67 | PORTIONER FOR CERAMICS | 13 |
| MICROSCOPE WITH BASE | 14 | POT, PNEUMATIC POLYMERIZING | 42 |

| Description | Page | Description | Page |
|--|----------------|---------------------------------------|-------|
| PRECISION | 15 | TELESCOPIC CROWN PLIERS | 12 |
| PRESS | 6 | TERMOPLAST | 50-51 |
| PRESSURE FORMER | 50-51 | TERRA | 56 |
| PRESSURE FORMER - PLASTPRESS | 50-51 | TI-LIGHT | 38 |
| PRESSURE PNEUMATIC CONTAINER FOR CASTING RINGS | 43 | TIPS FOR MIXING | 15 |
| PRESSURE POLYMERIZER POLI-PLUS | 42 | TONGS FOR CASTING RINGS | 16 |
| PRESSURE VESSEL | 43 | TONGS FOR CLAMPS-FLASKS | 16 |
| PRINTER LIQUID MIXER - TWIST 3D | 81 | TONGS FOR CRUCIBLES | 10 |
| PROTECTION GUARD FOR POLISHER | 59 | TOOL SET FOR CERAMICS | 17 |
| PROTHESIS BOX | 18 | TOOL SET FOR ORTHODONTICS | 17 |
| PURIFIER FOR AIR | 72 | TRANSPORT BOXES | 18-19 |
| QDENT TOOLKIT | 17 | TRAY FOR CERAMIC FURNACE | 49 |
| RAIL FOR MODEL TRAY | 20 | TRAY FOR PORCELAIN | 16 |
| REAL FOR SEALING MACHINE | 76 | TRAY FOR WORKS | 20 |
| RINGS, CASTING | 49 | TRAY TROLLEY | 20 |
| ROLLING MIXER FOR 3D PRINTER LIQUIDS | 81 | TRIMMER FOR MODELS | 26-27 |
| SAFETY GOGGLES | 14 | TRIPON, BOWL HOLDER | 45 |
| SANDBLASTER | 52-53-54-55-56 | TROLLEY | 79 |
| SANDBLASTER - AUTOMATIC | 52 | TROLLEY FOR TRAYS | 20 |
| SANDBLASTER AUTOMATIC | 52 | TUNGSTEN BUR FOR PLASTER | 66 |
| SANDBLASTING, MICROCHAMBER FOR | 56 | TWEEZERS BUR-CLEANER | 12 |
| SANITIZER, UV | 73 | TWEEZERS FOR WELDING | 10 |
| SAW FOR MODELS | 34 | ULTRASONIC CLEANERS | 74-75 |
| SAWS | 15 | UV CURING LIGHT - SUN BEAM 3D | 81 |
| SCALPEL HANDLE | 13 | UV RAY SAFETY SCREEN | 14 |
| SCANNER 3D | 82 | UV SANITIZER CABINET | 73 |
| SCANNER, SPRAY | 83 | UV, PROTECTION GOGGLES | 14 |
| SCHWARZ PLIERS | 12 | V3 | 37 |
| SCISSORS | 13 | VACUUM FORMER | 50-51 |
| SCISSORS FOR CROWNS | 13 | VACUUM MICRO PUMP | 13 |
| SEALING MACHINE | 76 | VACUUM MIXER | 22-23 |
| SET OF CERAMIC INSTRUMENTS | 17 | VERTICULATOR | 7 |
| SILICONE - POINTS, WHEELS | 66 | VESTACAST, INDUCTION CASTING MACHINE | 44 |
| SILICONE BOWL | 13 | VIBRATOR | 31-33 |
| SILICONE EDGE KNIFE WHEELS - BLACK (100 U.) | 66 | VULCANO | 46 |
| SILICONE PISTOL | 15 | WALDMANN LAMP | 80 |
| SILICONE POINTS - BLACK (100 U.) | 66 | WALDSACHS PLIERS | 12 |
| SILICONE WHEELS - BLACK (100 U.) | 66 | WASHING AND POLIMERIZING MACHINE - E2 | 39-41 |
| SIROCCO | 68 | WATER BATH | 35 |
| SM-2 CASTING MACHINE | 44 | WAX CALLYPER | 15 |
| SMOKE EXTRACTOR | 46 | WAX CLEANER FROM CASTING RINGS | 47 |
| SPATULA FOR ALGINATE | 10-11 | WAX HEATER | 35-36 |
| SPATULA FOR CEMENT | 11 | WAX KNIFE (ERMERT) | 10 |
| SPATULA FOR PLASTER | 10-11 | WAX MOULD | 36 |
| SPATULA FOR WAX | 10-11 | WAX SPATULA | 10-11 |
| SPATULA FOR WAX EMPTY | 11 | WAX TI-LIGHT, PHOTOPOLYMERISABLE | 38 |
| SPATULA FOR WAX, ELECTRONIC | 37 | WAX, SPATULA FOR EMPTY | 11 |
| SPATULE FOR AGATA | 11 | WELDING MACHINE | 51 |
| SPOON FOR DOSE MEASURING | 15 | WELDING TWEEZERS | 10 |
| SPOT WELDING MACHINE | 51 | WELDING, HOLDING CLAMPS | 14 |
| SPRAY FOR SCANNER | 83 | WELDING, PLATE | 45 |
| STAND FOR BURS | 12 | WHEELS FOR CUTTING AND POLYSHING | 67 |
| STEAM CLEANER | 62 | WORK BOX | 56 |
| STEAM CLEANING BOX | 61 | WORK BOX | 57 |
| STERILIZATOIN, BOX FOR BURS | 12 | WORK CHAIR | 79 |
| SUCTION UNIT | 68-70-71 | WORK RACK TRAY | 20 |
| SUN BEAM | 43 | ZAHLE, CARVERS | 11 |
| SUN BEAM 3D | 81 | ZIRCONIA FURNACE - MICROWAVES | 48 |
| SUPPORT FOR PLIERS | 12 | ZIRCONIA, BURS AND DISCS | 65 |
| SUPPORT FOR INSTRUMENTES, MAGNETIC RACK | 12 | | |
| SUPPORT FOR MICROMOTOR | 67 | | |
| SUPPORT RAIL FOR MODEL TRAY | 20 | | |
| T1-T2-T3 | 55 | | |
| TABLE FOR FINISHING | 78-79 | | |
| TANK FOR DISTILLED WATER | 75 | | |
| TEEGH CLEANING, GRATING FOR | 62 | | |



MESTRA

Txorierra Etorbidea, 60. 48150 Sondika (España)
+34 944 530 388 | info@mestra.es | www.mestra.es

