MESTRA

LABORATORY CATALOGUE

2025

Index

Articulators

Articulator (hinged; for complete dentures)
Ref. 010010

65 mm
40 mm
108 mm
0,3 kg

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

69 mm
90 mm
111 mm
0,2 kg

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)

104 mm
105 mm
140 mm   0,2 kg

105 mm
105 mm
146 mm   0,4 kg

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 (2 point)   Ref. 010050 (3 point)

78 mm
115 mm
126 mm   0,3 kg

95 mm
115 mm
145 mm
0,4 kg

Made of brass and stainless steel. With lateral movements.

Functional articulator
Ref. 010060 (2 point for bridges)

72 mm
80 mm
110 mm
0,2 kg

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 (balanced)   Ref. 010070

110 mm
142 mm
150 mm
0,8 kg

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

Balanced articulator (light)
Ref. 010090

130 mm
125 mm
160 mm
0,6 kg

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

Balanced articulator (light)
Ref. 010090 B

130 mm
125 mm
160 mm
0,6 kg

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

Spring articulator
Ref. 010150

70 mm
52 mm
70 mm
0,1 kg

Plastic articulator (disposable)
(100 articulators)

NEW

25 mm

Ref. 010147

38 mm

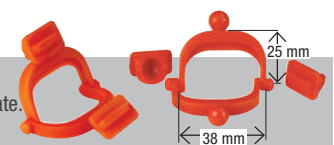Ref. 010148

Plastic articulator (disposable)
Ref. 010140

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

25 mm
38 mm

Ref.010140-04
Ref.010140-05
Ref.010140-03
Ref.010140-07
Ref.010140-02
Ref.010140-06 D
Ref.010140-09 I

Spare parts (100 articulators)
Ref. 010145

(L) 250 x (W) 150 x (H) 100 mm   0,1 kg

3

Condylar articulator

Ref. 010185 (magnetic)   **Ref. 010186** (pins)

95 mm
130 mm
100 mm
KG 0,34 kg

85 mm
120 mm
105 mm
KG 0,23 kg
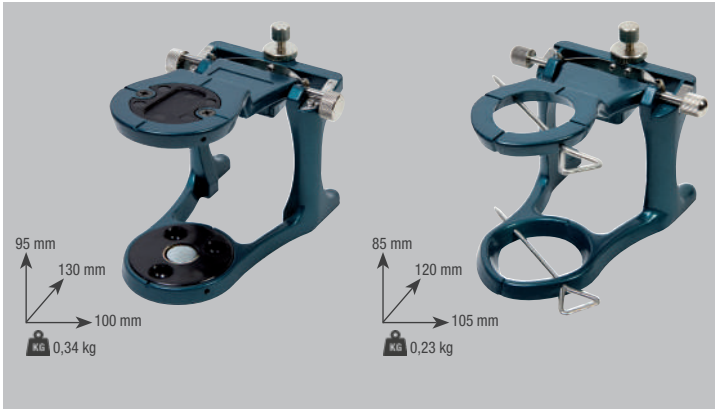
Quick fixing articulator

Ref. 010160 (for complete prosthesis)   **Ref. 010172** (for partial prosthesis)

NEW

95 mm
125 mm
111 mm
KG 0,29 kg

90 mm
125 mm
83 mm
KG 0,14 kg

Model formers for partials (2 u.)
Small   **Ref. 010170-P**
Large   **Ref. 010170-G**

MESTRA® by **bio·art** intelligent solutions
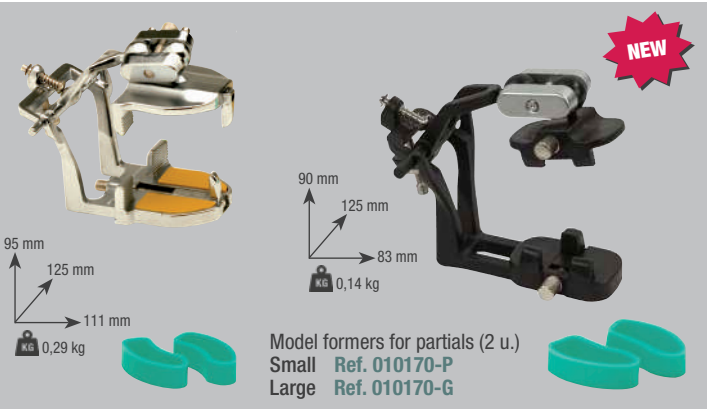
Arquimedes professional
Arcon type articulator
(semiadjustable) **A7 PLUS**

Ref. 010099 Articulator + Case

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

✓ Semiadjustable / 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.

Arquimedes protrusal
Arcon type articulator
(semiadjustable) **A7 PLUS-E**

Ref. 010103 Articulator + Case

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

✓ Semiadjustable / 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.

4.000 S Arcon type articulator
(semiadjustable)

Ref. 010107 Articulator + Case

✓ Semiadjustable / 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
(semiajustable) **A7 FIX**

Ref. 010098 Articulator + Carboard box

✓ Semiadjustable / 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   CE 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   CE 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.

MESTRA® by bio·art intelligent solutions

Articulator + Case
Ref. 010099

Articulator + Case
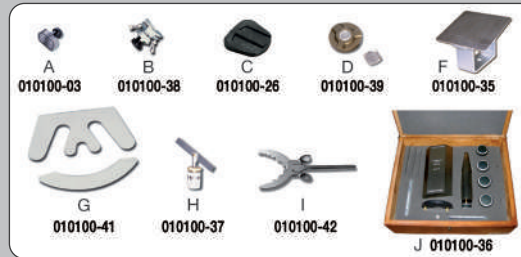**Ref. 010103**

Articulator + Case
Ref. 010107

Articulator + Cardboard box
Ref. 010098

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

Range of accessories:

A	B	C	D	F
010100-03	010100-38	010100-26	010100-39	010100-35

G	H	I	J
010100-41	010100-37	010100-42	010100-36

Dimensions and weight of articulators:

	Ref. 010098	Ref. 010099	Ref. 010103	Ref. 010107
Height	150 mm	150 mm	170 mm	160 mm
Width	180 mm	170 mm	170 mm	148 mm
Depth	180 mm	180 mm	180 mm	180 mm
Weight	0,5 kg	0,7 kg	0,7 kg	0,7 kg

Model formers (for orthodontics training)

120 mm
85
S
R-050060

110 mm
85
S
R-050064

I
R-050062

I
R-050066

S = Upper	I = Lower	S = Upper	I = Lower
Ref. 050060	**Ref. 050062**	**Ref. 050064**	**Ref. 050066**
0,081 kg	0,081 kg	0,073 kg	0,071 kg

Model formers (small striated base)

80 mm
60
R-050056

90 mm
70
R-050058

Ref. 050056	Ref. 050058
0,024 kg	0,029 kg

Model base former

77   98 mm
S
R-050070

98 mm
77
S
R-050090

98 mm
77
I
R-050080

98 mm
77
I
R-050100

S = Upper	I = Lower	S = Upper	I = Lower
Ref. 050070	**Ref. 050080**	**Ref. 050090**	**Ref. 050100**
0,049 kg	0,044 kg	0,048 kg	0,049 kg

Base former with magnet

Ref. 050110=SP   **Ref. 050120=IP**

Ref. 050130=SG   **Ref. 050140=IG**

1	2	3	4	5

Ref. 050110=SP	0,1 kg
Ref. 050120=IP	0,1 kg
Ref. 050130=SG	0,1 kg
Ref. 050140=IG	0,1 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).

85 mm
69
SP

86 mm
68
IP

97 mm
81
SG

97 mm
77
IG

Flat base former with magnet

Ref. 050150

97 mm
97
R-050150
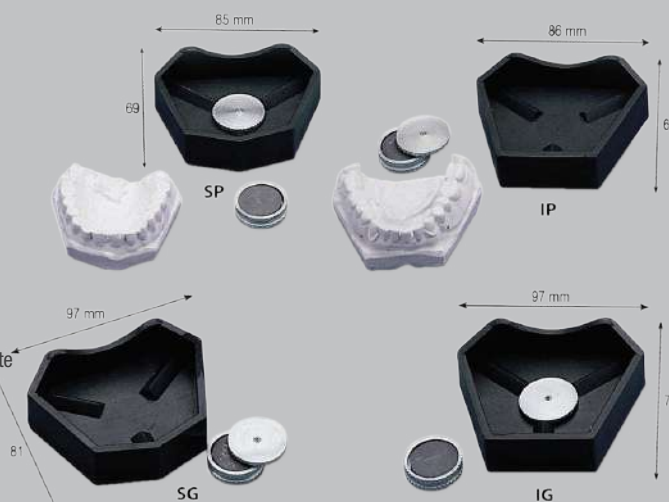
Ref. 050150	0,1 kg

Hydraulic press
Ref. 030350

The MESTRA hydraulic laboratory press is sturdy and pleasing to the eye. It is simple and easy tohandle, 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.
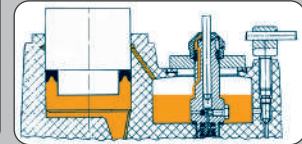
USEFUL SPACE	
Height	235 mm
Width	140 mm
Piston maximum travel	25 mm
Maximum power admitted	15.200 kg = 400 kg/cm²
Maximum power recommended	9.500 kg = 250 kg/cm²

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

(L) 270 x (W) 270 x (H) 570 mm | 0,22 kg
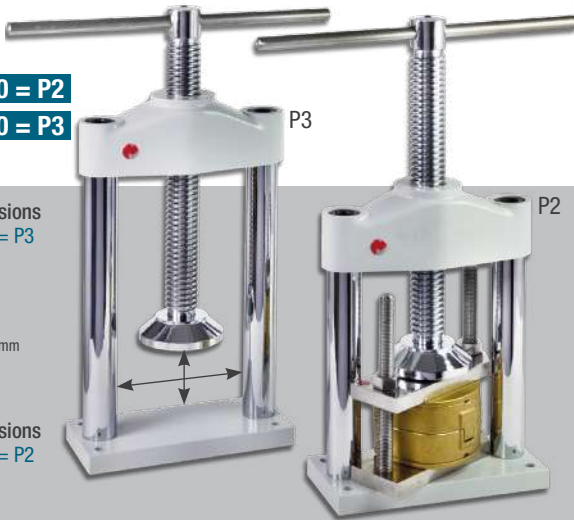
Presses
(for flasks)
Ref. 030360 = P2
Ref. 030370 = P3

Inside dimensions
Ref. 030370 = P3

255 mm

140 mm

12,6 kg

Inside dimensions
Ref. 030360 = P2
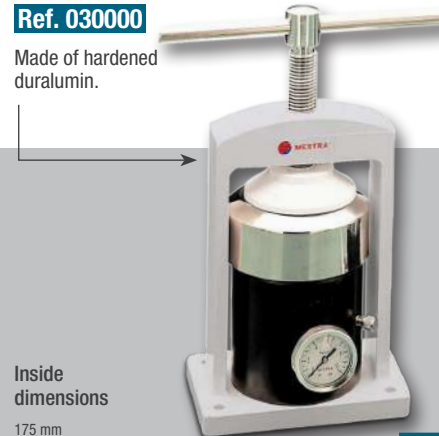
180 mm

140 mm   11,5 kg

P3

P2

Clamp (for pressure-vessel)
Ref. 030000

Made of hardened duralumin.

Inside dimensions

175 mm

130 mm   3 kg

Pressure vessel
(for self-polymerizing resins)
Ref. 030010

	OUTSIDE DIM.		INSIDE DIM.	
Height	165 mm	Height	115 mm	
Diameter	123 mm	Diameter	103 mm	
Weight 1,6 kg				

Clamp for flasks
(brass and stainless steel)
S-1 Ref. 030090 110 x 25-95 mm
S-2 Ref. 030100 110 x 90-165 mm
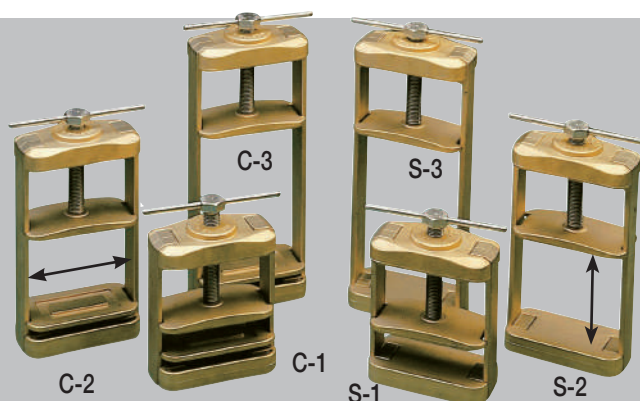**S-3 Ref. 030110** 110 x 140-235 mm

Spring clamp for flasks
(spring loaded)
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

Clamps for flasks
(made of stainless steel)
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
(made of stainless steel)
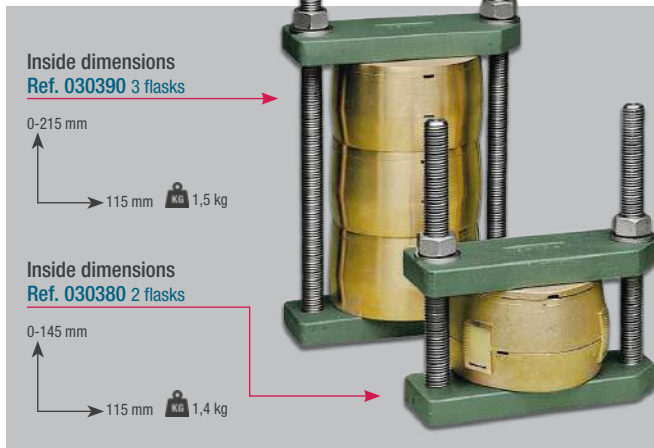**C-1 Ref. 030180** 110 x 30-75 mm
C-2 Ref. 030190 110 x 90-145 mm
C-3 Ref. 030200 110 x 140-200 mm

Presses and clamps

Clamp for press (aluminium)

Ref. 030380 2 flasks
Ref. 030390 3 flasks

Inside dimensions
Ref. 030390 3 flasks

0-215 mm

115 mm 1,5 kg

Inside dimensions
Ref. 030380 2 flasks

0-145 mm

115 mm 1,4 kg

Clamp for press (stainless steel)

Ref. 030400 2 flasks
Ref. 030410 3 flasks

Inox

Inside dimensions
Ref. 030410 3 flasks

0-215 mm

115 mm 2,1 kg

Inside dimensions
Ref. 030400 2 flasks

0-145 mm

115 mm 1,9 kg

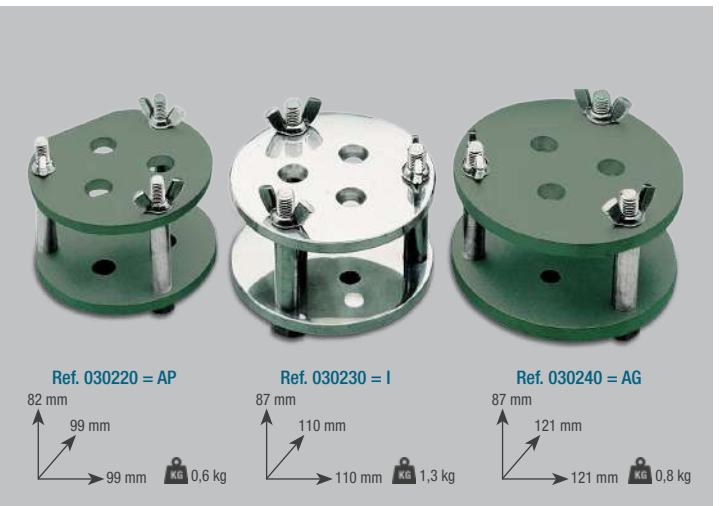## Clamp for bridges (brass and stainless steel)

Ref. 030210

Inside dimensions

17-40 mm

96 mm 1,3 kg

Clamp for rebasing (aluminium and stainless steel)

Ref. 030220 = AP   **Ref. 030230 = I**   **Ref. 030240 = AG**

Ref. 030220 = AP
82 mm
99 mm
99 mm 0,6 kg

Ref. 030230 = I
87 mm
110 mm
110 mm 1,3 kg

Ref. 030240 = AG
87 mm
121 mm
121 mm 0,8 kg

Verticulador Handy Basic

Ref. 130100

NEW

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.
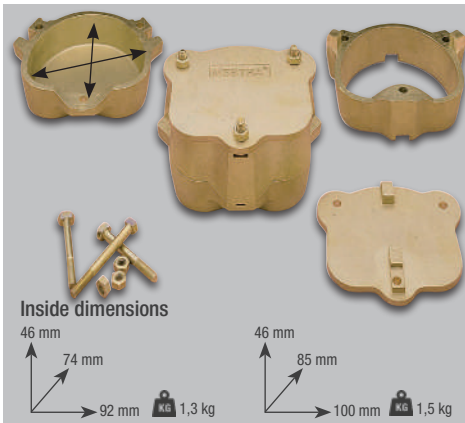
Strong	Jelly	Sil	Compos
Ref. 130102	Ref. 130104	Ref. 130106	Ref. 130108

Brass flasks

Flask with screws
Ref. 020010 (medium) Ref. 020020 (large)

Inside dimensions
46 mm
74 mm
92 mm KG 1,3 kg

46 mm
85 mm
100 mm KG 1,5 kg

Screwless flask (for clamp)
Ref. 020040 (medium) Ref. 020050 (large)

Inside dimensions
46 mm
74 mm
92 mm KG 1,3 kg

46 mm
85 mm
100 mm KG 1,6 kg
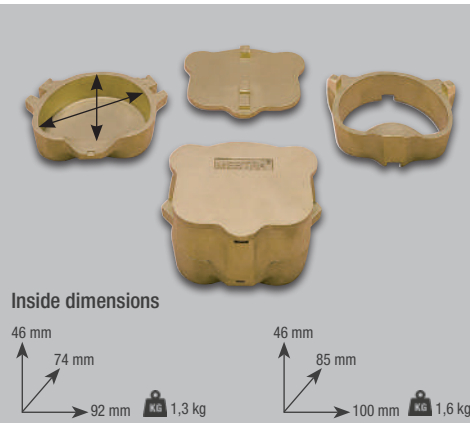
Flask with screws (with ejector)
Ref. 020060

Inside dimensions
48 mm
85 mm
100 mm KG 1,7 kg
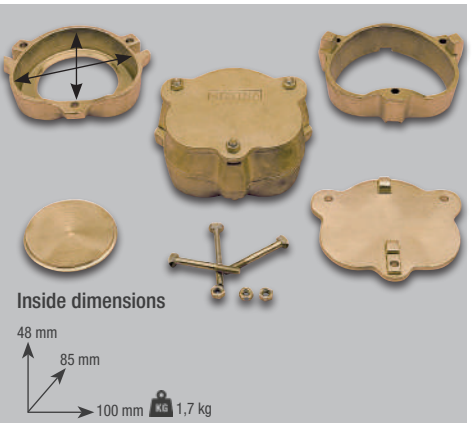
Screwless flask (with ejector)
Ref. 020070

Inside dimensions
46 mm
85 mm
100 mm KG 1,7 kg

Round flask
Ref. 020080

Inside dimensions
48 mm
80 mm
99 mm KG 1,7 kg

Square flask
Ref. 020090

Inside dimensions
58 mm
77 mm
100 mm KG 1,9 kg
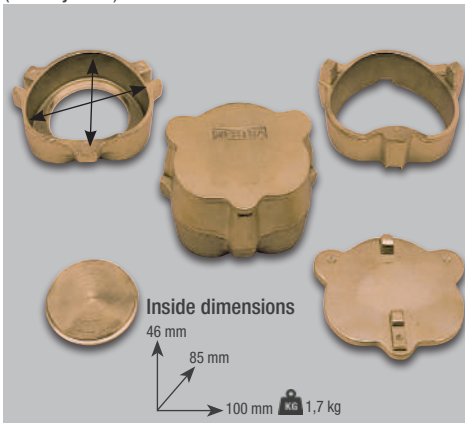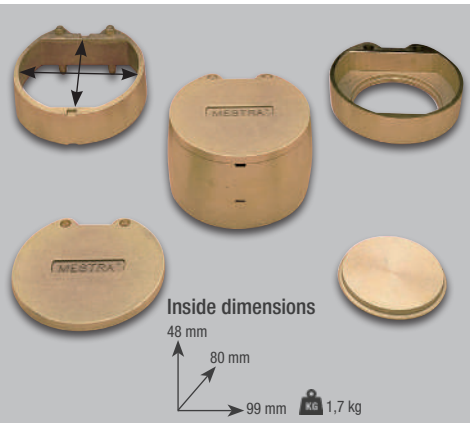
Triangular flask
Ref. 020100

Inside dimensions
57 mm
82 mm
94 mm KG 1,7 kg
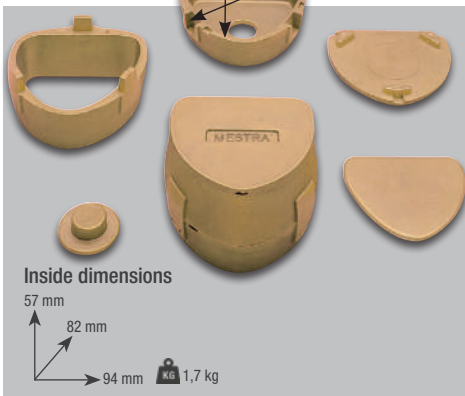
Flask with three pins (for clamp)
Ref. 020130

Inside dimensions
52 mm
92 mm
95 mm KG 1,6 kg
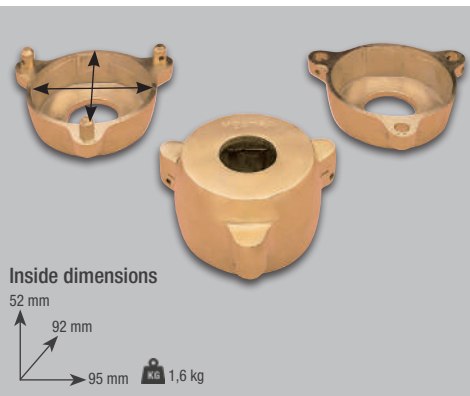
Flask with two pins and wedges
Ref. 020135

Inside dimensions
60 mm
84 mm
115 mm KG 2,1 kg
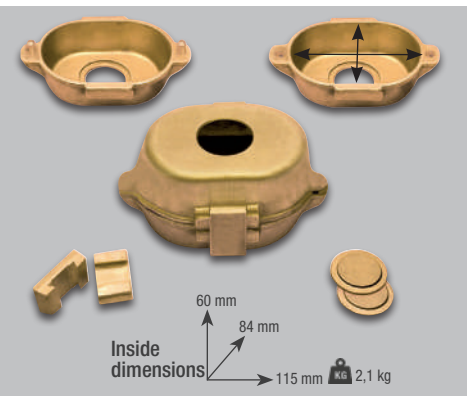
Flask for bridges
Ref. 020140

Inside dimensions
30 mm
33 mm
60 mm KG 0,6 kg
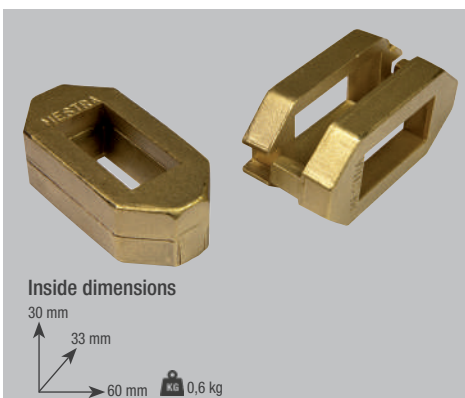
Resin injector
Ref. 020195

Ref. 030120

Ref. 020190

Ref. 020195

Ref. 020190+020195
KG 2,8 kg
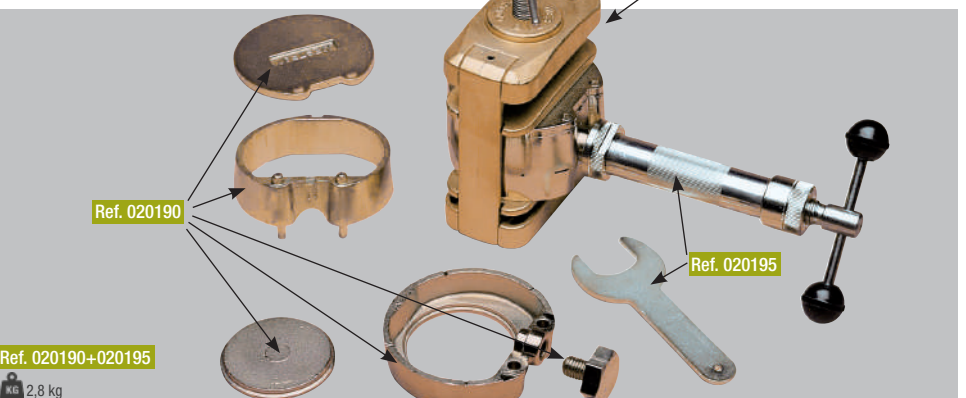
Flask (large)
Ref. 020150 Material: Aluminium

Inside dimensions

53 mm
83 mm
110 mm **KG** 0,6 kg

Flask (large)
Ref. 020151 Material: Aluminium and rubber

Inside dimensions

53 mm
83 mm
110 mm **KG** 0,6 kg

Flask (small)
Ref. 020160 Material: Aluminium and rubber

Inside dimensions

55 mm
80 mm
100 mm **KG** 0,3 kg
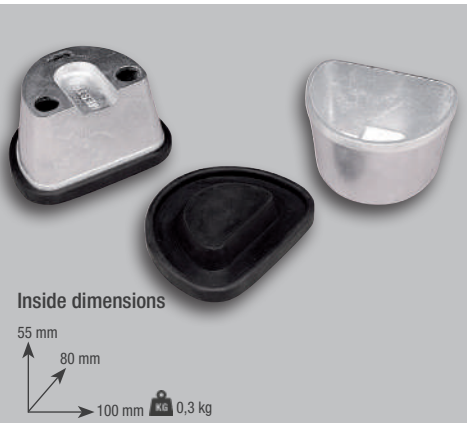
Flask (small)
Ref. 020170 Material: Aluminium

Inside dimensions

55 mm
80 mm
100 mm **KG** 0,3 kg
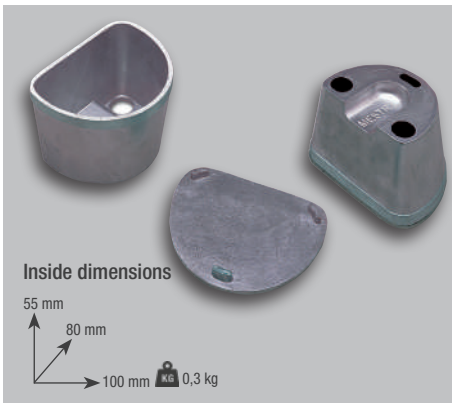
Flask (small)
Ref. 020171 Material: Aluminium and rubber

Inside dimensions

55 mm
80 mm
100 mm **KG** 0,4 kg
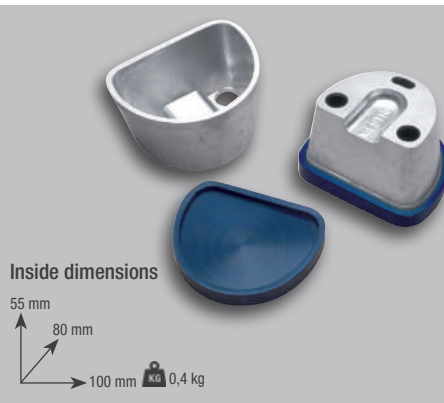
Flask
Ref. 020180 Material: Polycarbonate
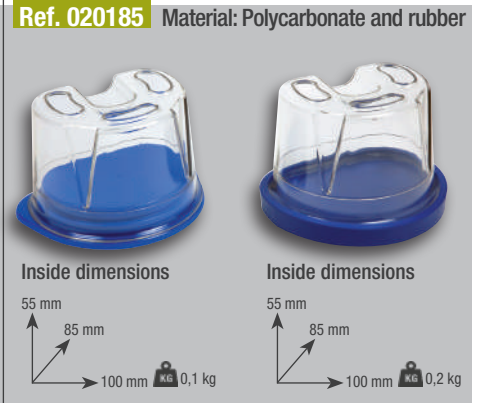
Ref. 020185 Material: Polycarbonate and rubber

Inside dimensions

55 mm
85 mm
100 mm **KG** 0,1 kg

Inside dimensions

55 mm
85 mm
100 mm **KG** 0,2 kg
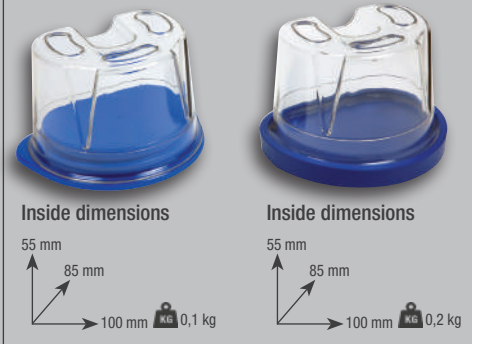
Flask duplicating (for silicone)
Ref. 020186 Material: Polycarbonate

Inside dimensions

40 mm
65 mm
85 mm **KG** 0,05 kg

Pouring for flask
Ref.020202 Material: Plastic
(Resistant to high temperature)

Inside dimensions
50 mm
88 mm
105 mm **KG** 0,24 kg
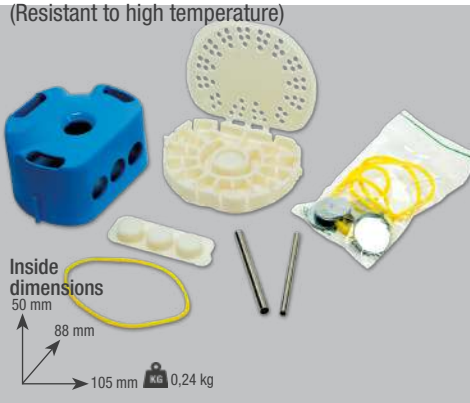
Flask (for injecting polyamides)
Ref. 020210 Material: Aluminium

Inside dimensions
64 mm
83 mm
95 mm **KG** 1,2 kg
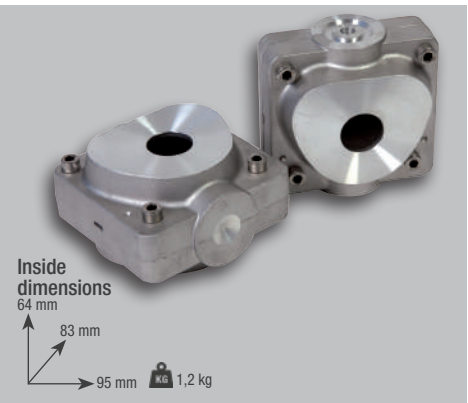
Flask for micro-wave oven
Ref. 020208 Material: Plastic

Inside dimensions

49 mm
70 mm
90 mm **KG** 0,4 kg

Flask for duplicating (with alginate)
Ref. 020205 - Ref. 020206 Material: Metal and rubber

Ref. 020206-01

Ref. 020205

Ref. 020206

Inside dimensions
44 mm
83 mm
100 mm **KG** 0,3 kg

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.
Fig. 10

Fig. 10

		Total length	Blade	Weight
1.Ref. 060001	Alginate spatula. Stainless steel (White handle)	205 mm	110 mm	0,06 kg
2.Ref. 060002	Plaster alginate spatula (Plastic) 12 u.	208 mm	90 mm	0,03 kg
3.Ref. 060076	Wax spatula with cavity (Small; plastic) 12 u.	170 mm	E-C 40-10 Ø	0,01 kg
4.Ref. 060003	Alginate spatula. Stainless steel (White handle)	190 mm	90 mm	0,04 kg

		Total length	E	C	Weight
5.Ref. 060071	Wax spatula (small; black handle)	135 mm	35	40	0,02 kg
6.Ref. 060072	Wax spatula (large; black handle)	180 mm	45	50	0,04 kg
7.Ref. 060073	Wax spatula with cavity (small; black handle)	135 mm	10	35	0,02 kg
8.Ref. 060074	Wax spatula with cavity (large; black handle)	180 mm	45	50	0,04 kg
9.Ref. 060079	Wax pouring spatula	195x80 mm			0,06 kg
10.Ref. 060075	Agate spatula	155 mm			0,02 kg aprox.

Spatulas and knives (stainless steel)

		Total length	Blade	Weight
1. Ref. 060000	Alginate spatula	230 mm	110 mm	0,08 kg
2. Ref. 060010	Plaster spatula	210 mm	103 mm	0,05 kg
3. Ref. 060020	Flexible spatula	200 mm	100 mm	0,03 kg
4. Ref. 060030	Knife with flask opener	175 mm	65 mm	0,07 kg

		Total length	E	C	Weight
5. Ref. 060040	Wax spatula (small)	135 mm	35	40	0,03 kg
6. Ref. 060050	Wax spatula (large)	180 mm	45	50	0,03 kg
7. Ref. 060060	Wax spatula (small) with cavity	135 mm	35	40	0,03 kg
8. Ref. 060070	Wax spatula (large) with cavity	180 mm	45	50	0,04 kg
9. Ref. 060077	Cutter	135 mm		17	0,02 kg
10. Ref. 060078	Cutter spare part	30 mm			

Miscellaneous

Plaster cutting tongs	0,2 kg (L) 190 mm	
1. Ref. 060300		
Small plaster knives	0,03 kg (L) 180 mm	
2. Ref. 060310		
Wax knives	0,01 kg (L) 130 mm	
3 Ref. 060320		
Stainless steel wax knives	0,01 kg (L) 130 mm	
4. Ref. 060330		
Soldering tweezers (curved)	0,04 kg (L) 160 mm	
5. Ref. 060340		
Soldering tweezers (straight)	0,04 kg (L) 165 mm	
6. Ref. 060360		
Tweezers for ceramic oven	0,08 kg (L) 250 mm	
7. Ref. 060370		
Crucible tongs	0,11 kg (L) 300 mm	
8. Ref. 060380		
Metal hammer	0,03 kg (L) 162 mm	
9. Ref. 050265		
Diamond dresser	0,04 kg (L) 100 mm	
10. Ref. 100208		

Wax and modelling carvers

①	Ref. 060270	Le cron	180 mm 0,02 kg		
②	Ref. 060272	Le cron	190 mm 0,02 kg		
③	Ref. 060274	Le cron	185 mm 0,02 kg		
④	Ref. 060276	Le cron	180 mm 0,02 kg		
⑤	Ref. 060278	Beale	160 mm 0,03 kg		
⑥	Ref. 060280	Zahle	140 mm 0,02 kg		
⑦	Ref. 060282	Zahle	140 mm 0,02 kg		
⑧	Ref. 060284	Zahle	140 mm 0,02 kg		
⑨	Ref. 060286	Hykyn	150 mm 0,02 kg		
⑩	Ref. 060288	Hykyn ceramic	140 mm 0,02 kg		
⑪	Ref. 060290		160 mm 0,02 kg		
⑫	Ref. 060292		180 mm 0,03 kg		
⑬	Ref. 060293		180 mm 0,03 kg		
⑭	Ref. 060294		130 mm 0,02 kg		

Cement spatulas

|		
①	Ref. 060240	178 mm 0,02 kg
②	Ref. 060242	175 mm 0,02 kg
③	Ref. 060244	175 mm 0,02 kg
④	Ref. 060246	178 mm 0,02 kg
⑤	Ref. 060248	175 mm 0,02 kg
⑥	Ref. 060250	195 mm 0,02 kg

Stainless steel holder for instruments

Ref. 060235

Completely made of stainless steel.
Can store up to up to 7 working tools.

Its ladder-shaped design
makes selection easier

Sold without tools.

75 mm

115 mm

56 mm

Inox

(Spatulas not included)
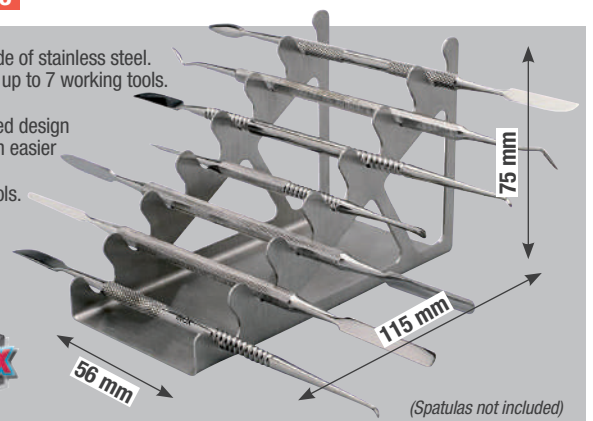
Pliers

Ref. 050533
Ref. 050532
Ref. 050539
Ref. 050537
Ref. 050535
Ref. 050536

Ref. 0505320	Ref. 050533	Ref. 050535	Ref. 050536	Ref. 050537	Ref. 050539
0,02 kg	0,02 kg	0,07 kg	0,07 kg	0,03 kg	0,13 kg
125 mm	128 mm	115 mm	125 mm	147 mm	150 mm

Pliers

Ref. 050534
Ref. 050531

Ref. 050534	(L) 148 x (W) 68 (H) 5 mm	0,03 kg
Ref. 050531	(L) 130 x (W) 70 (H) 5 mm	0,03 kg

Bending pliers

Ref. 070340
0,12 kg (L) 154 mm
Waldsachs hook-bending pliers

Ref. 070350
0,07 kg (L) 136 mm
Schwarz pliers

Ref. 070351
0,08 kg (L) 133 mm
Angle pliers

Ref. 070352
0,07 kg (L) 123 mm
Aderer pliers

Dosing instrument
(ceramic materials)

Ref. 050525
Ref. 050526

Ref. 050525	(L) 157 ◆ Ø 3 - ◆ Ø 1'5 mm	0,03 kg
Ref. 050526	(L) 163 ◆ Ø 7 - ◆ Ø 4 mm	0,03 kg

Scissor, pliers and scalpel handle
For lab use only

Ref. 070260	Ref. 070270	Ref. 070210
0,02 kg	(L) 141 mm	0,02 kg	(L) 141 mm	0,02 kg	(L) 125 mm

Ref. 070300	Ref. 070310	Ref. 070240	Ref. 070290	Ref. 070200
0,02 kg	(L) 120 mm	0,02 kg	(L) 120 mm	0,03 kg	(L) 105 mm	0,02 kg	(L) 120 mm	0,03 kg	(L) 156 mm

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.

(L) 156 x (W) 45 (H) 40 mm	0,02 kg

Germicide box for burs
Ref. 070530 (stainless steel)

Ø 70 x (H) 35 mm	0,1 kg

Germicide box for burs
Ref. 070531

Ø 90 x (H) 80 mm	0,1 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

Ø 62 x (H) 49 mm | 0,2 kg

(L) 200 x (W) 40 x (H) 60 mm Packing (3 u.) | 0,6 kg

Bur holder (plastic; sterilizable)

Ref. 070120 = FG
Ref. 070125 = CA
Ref. 070130 = FG+CA
Ref. 070135 = Laboratorio

Only the base, made of temperature resistant plastic. Capacity for 36 pieces. Made for: FC, CA, FC+CA, laboratory.

Ref. 070120	(L) 75 x (W) 60 x (H) 35 mm	0,06 kg
Ref. 070125	(L) 75 x (W) 60 x (H) 35 mm	0,06 kg
Ref. 070130	(L) 75 x (W) 60 x (H) 35 mm	0,06 kg
Ref. 070135	(L) 75 x (W) 60 x (H) 55 mm	0,07 kg

Bur holder
(plastic) Ref. 070142

Ø 90 x (H) 66 mm | 0,07 kg

(L) 91 x (W) 91 x (H) 71 mm

0,09 kg

Bur holder
(clinic) Ref. 070150

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

(L) 115 x (W) 45 x (H) 45 mm | 0,18 kg

MESTRA

Plier holding support
Ref. 050364

A simple and practical tabletop component which helps to keep the work area tidy.
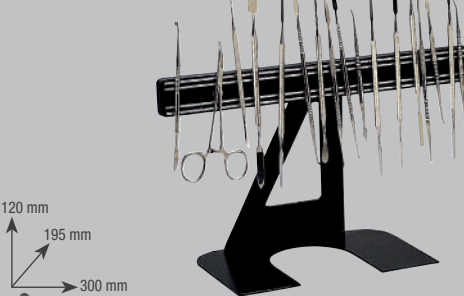
165 mm
140 mm
200 mm
1,1 kg

(Pliers not included).

Magnetic support (instrument holder)
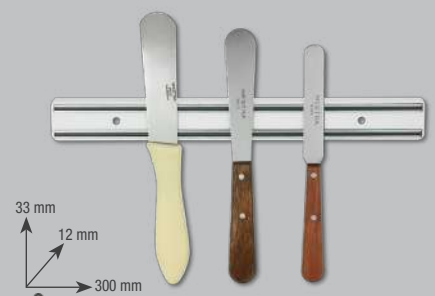### Ref. 050360

Practical and carefully designed.

120 mm
195 mm
300 mm
0,8 kg

(Tools not included).

Magnetic bar (instrument holder)
Ref. 050362

Easy to fit and may be secured by bolts to almost any surface.

33 mm
12 mm
300 mm
0,3 kg

(Spatulas not included).

Plaster mixing bowl
Made of rubber

Size		Diameter	Height	Capacity	Weight
1.	Ref. 060080 Small	93 mm	54 mm	175 cm³	0,07 kg
2.	Ref. 060090 Medium	120 mm	66 mm	400 cm³	0,11 kg
3.	Ref. 060100 Large	125 mm	90 mm	650 cm³	0,14 kg
4.	Ref. 060110 Extra Large	155 mm	148 mm	1.750 cm³	0,32 kg

Plaster mixing bowl
Made of flexible plastic

Size		Diameter	Height	Capacity	Weight
1.	Ref. 060111 Small	110 mm	78 mm	400 cm³	0,10 kg
2.	Ref. 060112 Medium	125 mm	83 mm	550 cm³	0,14 kg
3.	Ref. 060113 Large	145 mm	110 mm	850 cm³	0,17 kg
4.	Ref. 060114 Extra Large	155 mm	150 mm	1.900 cm³	0,34 kg

Alginate mixing bowl
Ref. 060120

Diameter	Height	Capacity	Weight
110 mm	78 mm	400 cm³	0,1 kg

Silicon bowls (transparent)

Ref. 060150   Ref. 060160   Ref. 060170   Ref. 060180   Ref. 060190   Ref. 060200
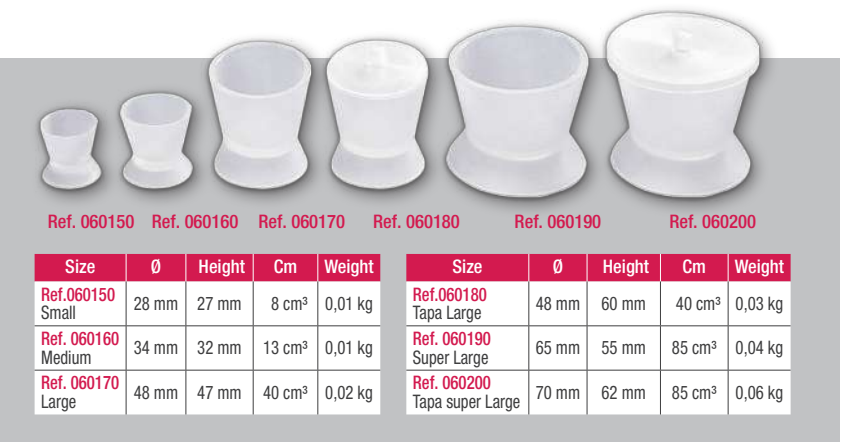
Size	Ø	Height	Cm	Weight
Ref.060150 Small	28 mm	27 mm	8 cm³	0,01 kg
Ref. 060160 Medium	34 mm	32 mm	13 cm³	0,01 kg
Ref. 060170 Large	48 mm	47 mm	40 cm³	0,02 kg

Size	Ø	Height	Cm	Weight
Ref.060180 Tapa Large	48 mm	60 mm	40 cm³	0,03 kg
Ref. 060190 Super Large	65 mm	55 mm	85 cm³	0,04 kg
Ref. 060200 Tapa super Large	70 mm	62 mm	85 cm³	0,06 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 cm³	0,8 kg
Ref. 060230 Large	151 mm	220 mm	750 cm³	1,2 kg

Vacuum micro-pump
Ref. 080001

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	Depth	150 mm
Width	120 mm	Weight	1,8 kg

MESTRA

Magnifying glass with base
Ref. 100098
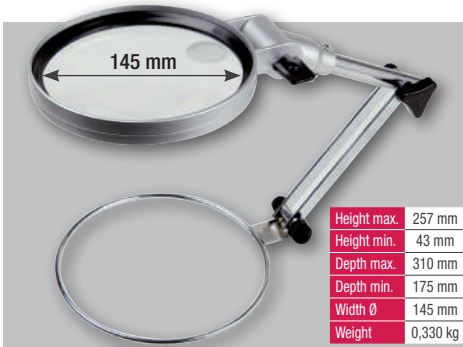
145 mm

Height max.	257 mm
Height min.	43 mm
Depth max.	310 mm
Depth min.	175 mm
Width Ø	145 mm
Weight	0,330 kg

Ref. 100098 | (L) 315 x (W) 154 x (H) 45 mm | 0,43 kg
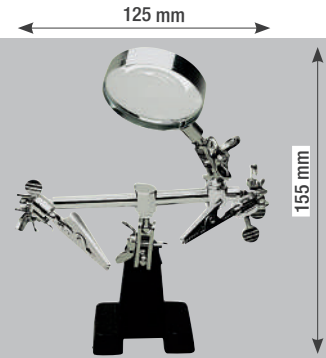
Hand magnifying glass with light
Ref. 100099

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 | 0,06 kg

Holding clamps
Ref. 050554

125 mm

155 mm

Ref. 050554 | (L) 120 x (W) 75 x (H) 68 mm | 0,42 kg

Safety glasses

Ref. 100014

UV-ray
Ref. 100013

Anti-mist
Ref. 100011

Ref. 100012

Ref. 100011-12-13 | (L) 160 x (W) 54 x (H) 56 mm | 0,05 kg

Ref. 100014 | (L) 180 x (W) 90 x (H) 65 mm | 0,07 kg

Face protections
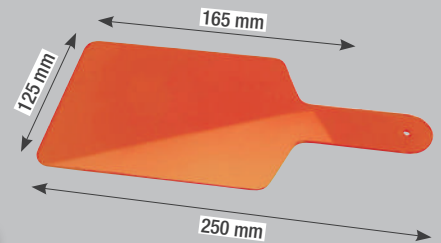### Ref. 100021 (10 u.)

(L) 285 x (W) 185 x (H) 35 mm | 0,23 kg

EASY VISOR

Ref. 100022 (10 u.)

(L) 308 x (W) 215 x (H) 35 mm | 0,28 kg

UV-ray safety screen
Ref. 070515

165 mm

125 mm

250 mm

Ref. 070515 | (L) 255 x (W) 125 x (H) 4 mm | 0,09 kg

Magnifying glasses
NEW

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

Ref. 100080

Ref. 100090

Ref. 100079 | (L) 285 x (W) 225 x (H) 89 mm | 0,55 kg
Ref. 100080 | (L) 205 x (W) 185 x (H) 70 mm | 0,25 kg
Ref. 100090 | (L) 175 x (W) 175 x (H) 70 mm | 0,19 kg

Magnifying glasses - Bioart
Magnification 2,5x
Ref. 100076

Magnification 3,5x
Ref. 100077

NEW

Lightweight, handy and with excellent panoramic and clear vision. The magnifier is essential for clinical and laboratory procedures.

Manufactured with CR-39 resin, higher resistance against abrasion and excellent and excellent transparency.

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 | 0,18 kg

Binocular magnifying glass
Ref. 100096

2,5 magnification.
420 mm working distance.

Ref. 100096 | (L) 215 x (W) 145 x (H) 75 mm | 0,32 kg

Microscope with base
Ref. 100097

5 - 15 magnification.

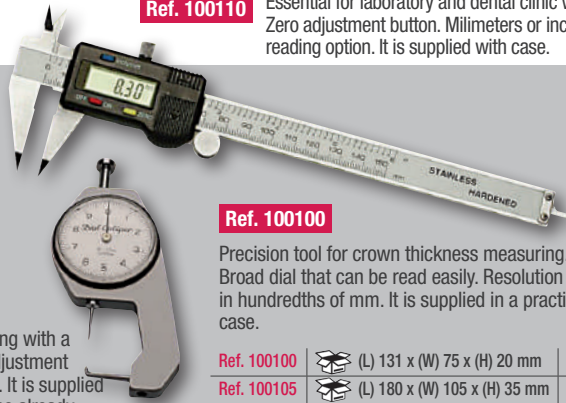180 mm working distance.

455 mm

300 mm

180 mm

4,8 kg

Ref. 100097 | (L) 350 x (W) 275 x (H) 370 mm | 5 kg

Laboratory instruments

MESTRA

Dial crown thickness calliper

Ref. 100110 Essential for laboratory and dental clinic works. Zero adjustment button. Milimeters or inches reading option. It is supplied with case.

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.

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	0,24 kg
Ref. 100110	(L) 265 x (W) 105 x (H) 60 mm	0,35 kg

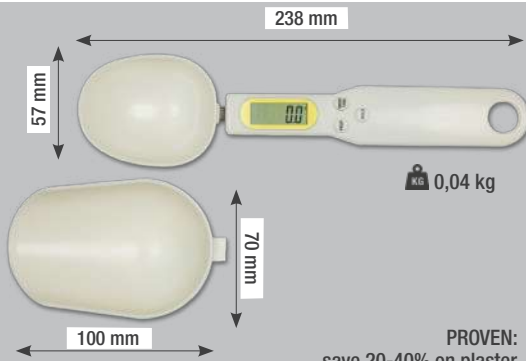## Calliper for crowns
For lab use only
0,03 kg l (L) 110 mm

Ref. 060390

Wax calliper
Ref. 060400
0,03 kg l (L) 110 mm

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. 100041
0.1 g resolution, maximum load of 3000 g, and "piece counting" function, very useful to count small elements such as pins, etc.
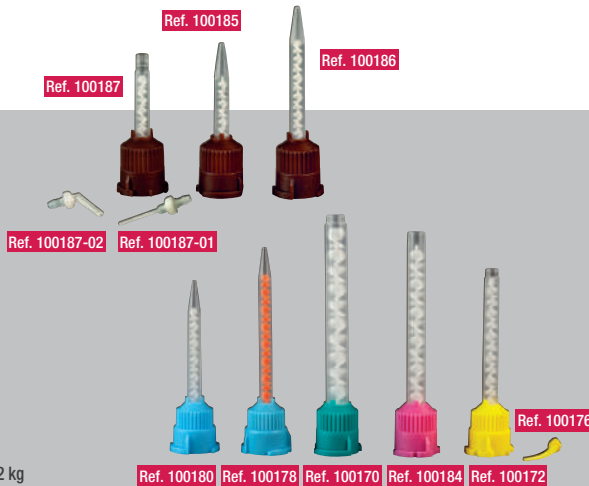
Ref. 100040	(L) 150 x (W) 110 x (H) 36 mm	0,29 kg
Ref. 100041	(L) 248 x (W) 248 x (H) 100 mm	0,77 kg
Ref. 100042	(L) 300 x (W) 190 x (H) 55 mm	0,45 kg

Mixing tips

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

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

(L) 160 x (W) 110 x (H) 45 mm | 0,12 kg

Ref. 100185, Ref. 100186, Ref. 100187, Ref. 100187-02, Ref. 100187-01, Ref. 100180, Ref. 100178, Ref. 100170, Ref. 100184, Ref. 100172, Ref. 100176

Silicone pistol reinforced
Ref. 100166

(L) 190 x (W) 120 x (H) 70 mm | 0,22 kg

Cutter for jelly
Ref. 050540

400 mm
70 mm
124 mm
0,18 kg

Molar carving tool
Ref. 060296

23 mm
95 mm
120 mm
0,17 kg

Bow saw
Ref. 050250

Saw blade
Ref. 050261 Set 5 u. (10 teeth x cm)
Ref. 050262 Set 5 u. (6 teeth x cm)

10 — 1 cm
6 — 1 cm

15

MESTRA

Glass plates

Ref. 050515 (ranurado)   **Ref. 050520** (lisa)

11 mm / 120 mm / 160 mm / 0,29 kg	8 mm / 120 mm / 160 mm / 0,38 kg

Ceramic palette

Ref. 050510

20 mm / 95 mm / 175 mm / 0,45 kg

Height with lid	20 mm
Height without lid	15 mm

Porcelain trays

Ref. 050501   **Ref. 050502**

15 mm / 90 mm / 115 mm / 0,34 kg	15 mm / 55 mm / 88 mm / 0,13 kg

Porcelain trays

Ref. 050503   **Ref. 050504**

27 mm / 125 mm / 165 mm / 0,54 kg	30 mm / 190 mm / 250 mm / 1,45 kg

Pliers

Ref. 040240

Ref. 040250

Ref. 040230

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
	Marta Kolinsky	Toray Oro	Plano	Marta Kolinsky	Toray Oro	Plano
	Wooden handle			Plastic handle		
0	050380	050400	050420	050380P	050400P	050420P
1	050381	050401	050421	050381P	050401P	050421P
2	050382	050402	050422	050382P	050402P	050422P
4	050384	050404	050424	050384P	050404P	050424P
6	050386	050406	050426	050386P	050406P	050426P
8	050388	050408	050428	050388P	050408P	050428P
10	050390	050410	050430	050390P	050410P	050430P

Hybrid Kolinsky-Toray paintbrushes

Made in Spain

NEW

Allows the application of the ceramic with precision thanks to its fine tip.

A perfect blend of the Toray and Kolinsky series. High paint load absorption thanks to Kolinsky fibre and gold Toray fibre, which allows the brush to have a good elasticity and better resistance.

Very good recovery of the the shape of the brush without deteriorating in a long time.

	Reference	Material	Characteristics
0	050370	Wood	Hybrid (Kolinsky-Toray)
1	050371	Wood	Hybrid (Kolinsky-Toray)
2	050372	Wood	Hybrid (Kolinsky-Toray)
4	050373	Wood	Hybrid (Kolinsky-Toray)
6	050374	Wood	Hybrid (Kolinsky-Toray)
8	050375	Wood	Hybrid (Kolinsky-Toray)
10	050376	Wood	Hybrid (Kolinsky-Toray)

Plastic handle paintbrushes

Cleaning Nº 1 and 2 Oval   Wax Nº 0 and nº4

Ref. 050431P   **Ref. 050432P**   **Ref. 050433P**   **Ref. 050434P**

25x19 y 16x14 mm   Ø 5x9 y 12x15 mm

Set of paintbrushes
Ref. 050432 (21 u.)

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 Heightgether. All paint-brushes have a "rattle affect". This set is supplied in a practical imitation-leather case.

(L) 255 x (W) 124 x (H) 45 mm │ 0,23 kg

Set of paintbrushes
Ref. 050490 (6 piezas)

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 Nº 0, 2, 4, 6; Planes Nº 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 onthodontics) Ref. 060403

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.

Ref. 060403 │ (L) 190 x (W) 135 x (H) 30 mm │ 0,65 kg

Tool set (for ceramic) Ref. 060402

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.

Ref. 060402 │ (L) 190 x (W) 135 x (H) 30 mm │ 0,45 kg

Set of instruments (for ceramic)
Ref. 050500

Spare tips ⟶

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

Ref. 050500 │ (L) 190 x (W) 64 x (H) 24 mm │ 0,12 kg
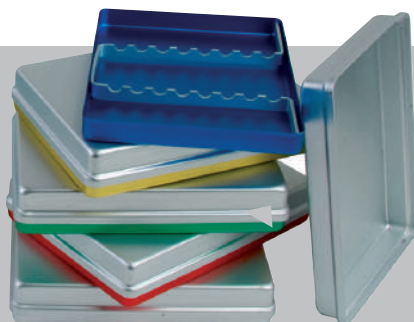
Tool kit for resin Ref. 130000

Instrument tray

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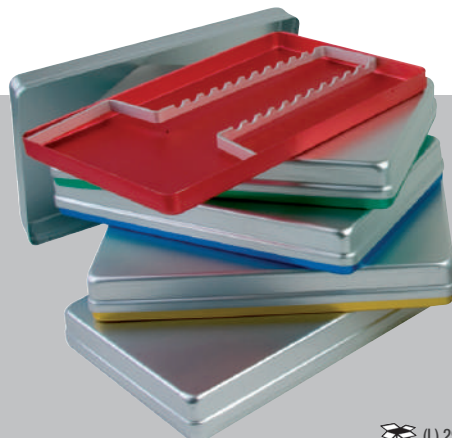Ref. 070431 = Gold
Ref. 070432 = Red
Ref. 070433 = Blue
Ref. 070434 = Green

Made of anodized aluminium

(L) 185 x (W) 145 x (H) 40 mm │ 0,25 kg

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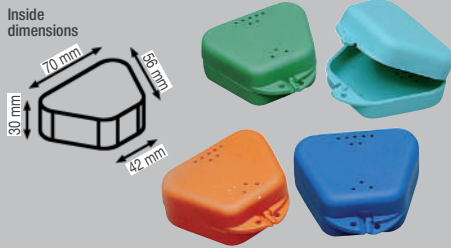Ref. 070441 = Gold
Ref. 070442 = Red
Ref. 070443 = Blue

(L) 290 x (W) 185 x (H) 40 mm │ 0,41 kg

17

MESTRA

Boxes for orthodontic plates

Made of plastic in different colours

(100 u.)

Ref. 070002 - Blue | Ref. 070007 - Light green
Ref. 070006 - Green | Ref. 070008 - Orange

Inside dimensions

70 mm | 56 mm | 30 mm | 42 mm

(100 u.) (L) 345 x (W) 305 x (H) 195 mm	0,23 kg (100 u.)
(25 u.) (L) 240 x (W) 160 x (H) 140 mm	0,23 kg (25 u.)

Orthodontic and denture boxes

Made of plastic; 25 units; assorted colours

Ref. 070600

Inside dimensions

77 mm | 69 mm | 40 mm

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

Ref. 070600

(25 u.) (L) 300 x (W) 180 x (H) 160 mm	0,74 kg (25 u.)

Boxes for orthodontic plates

Made of plastic. 25 units. Assorted colours

Ref. 070590

Inside dimensions

71 mm | 66 mm | 24 mm

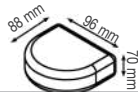|		
(25 u.) (L) 240 x (W) 160 x (H) 140 mm	0,54 kg (25 u.)

Boxes for models

Ref. 070034 (50 u.) - Large box
Ref. 070033 (50 u.) - Small box

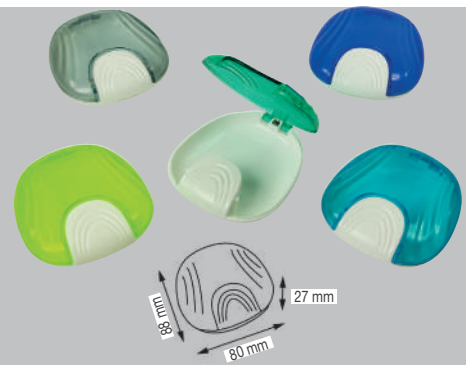88 mm | 96 mm | 70 mm

Inside dimensions

Ref. 070034

Ref. 070033

78 mm | 66 mm | 40 mm

Inside dimensions

Ref. 070033	(50 u.) (L) 290 x (W) 225 x (H) 255 mm	1,12 kg
Ref. 070034	(50 u.) (L) 290 x (W) 225 x (H) 255 mm	0,93 kg

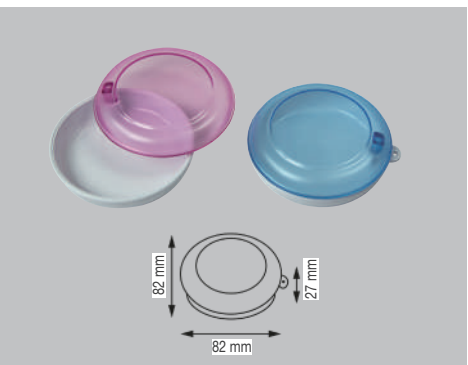## Denture boxes

Made of plastic 5 u. assorted

NEW

Ref. 070622

88 mm | 27 mm | 80 mm

Denture boxes

Made of plastic 5 u. assorted

NEW

Ref. 070616

82 mm | 27 mm | 82 mm

Denture boxes

Made of plastic 5 u. assorted

NEW

Ref. 070618

80 mm | 27 mm | 80 mm
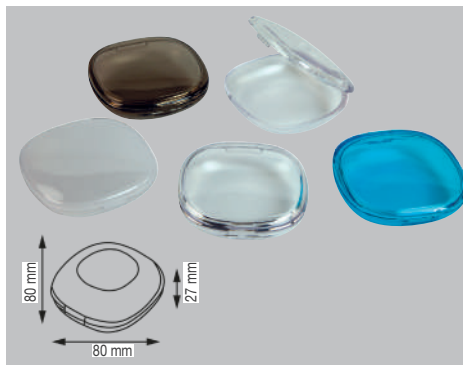
Denture boxes

Made of plastic 5 u. Black

NEW

Ref. 070620

80 mm | 27 mm | 80 mm
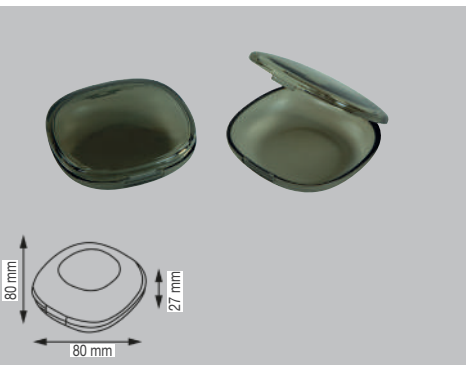
Denture boxes Plastic

Ref. 070000   Ref. 070001
Blue (100 u.)   Pink (100 u.)

90 mm | 72 mm | 32 mm | 59 mm

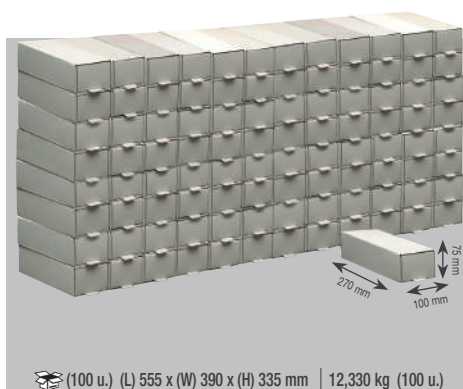|			
Ref. 070000	(100 u) (L) 420 x (W) 380 x (H) 240 mm	3,420 kg (100 u)
Ref. 070000-25	(25 u) (L) 300 x (W) 180 x (H) 160 mm	0,742 kg (25 u)
Ref. 070001	(100 u) (L) 420 x (W) 380 x (H) 240 mm	3,420 kg (100 u)
Ref. 070001-25	(25 u) (L) 300 x (W) 180 x (H) 160 mm	0,742 kg (25 u)

Boxes for orthodontic models

Ref. 070570 (100 u.)

75 mm | 270 mm | 100 mm

(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

Ref. 070003

Ref. 070004

Ref. 070003	(L) 230 x (W) 240 x (H) 58 mm	0,345 kg
Ref. 070004	(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
	(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.
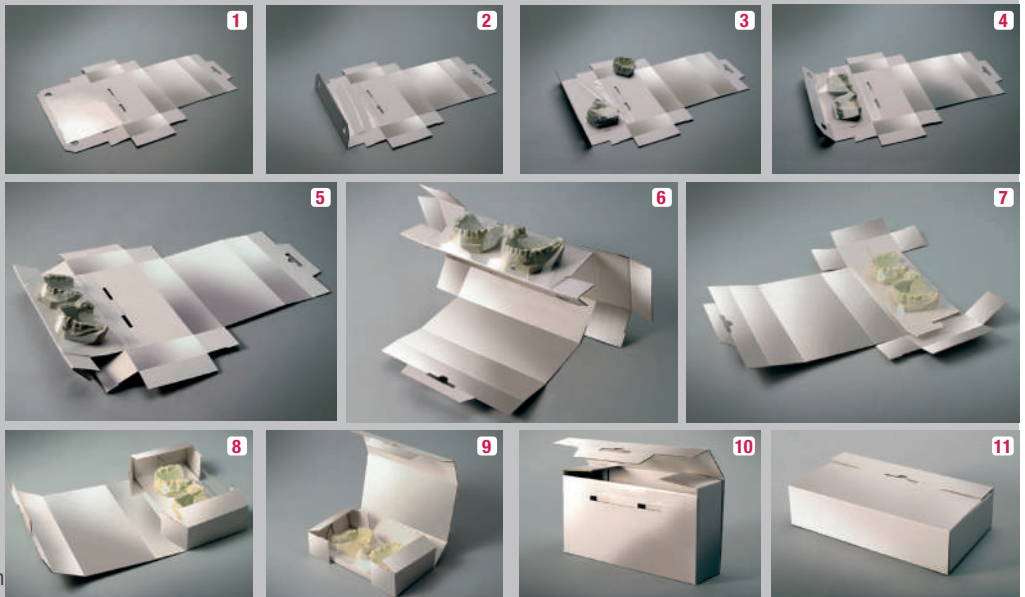
(100 u.) (L) 530 x (W) 370 x (H) 185 mm | 5,5 kg (100 u.)

Boxes for prosthesis (with drain)
Ref. 100267 Plastic (4 u.)

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

Brackets boxes Plastic
Ref. 100263 B (10 unit bags)

NEW

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

Transport boxes
Plastic

Ref. 100255   Ref. 100256
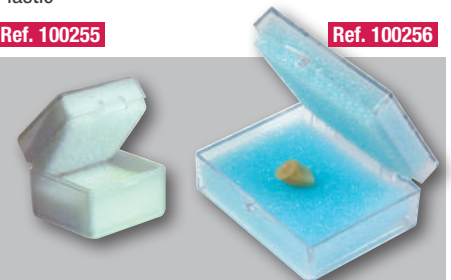
Ref. 100255	(L) 28 x (W) 28 x (H) 23 mm	0,005 kg
50 uds.	(L) 178 x (W) 150 x (H) 44 mm	0,289 kg - 50 u.
Ref. 100256	(L) 56 x (W) 44 x (H) 23 mm	0,011 kg
25 uds.	(L) 280 x (W) 235 x (H) 23 mm	0,318 kg - 25 u.

Boxes with membrane
Safety lock (10 unit bags)
Plastic.

NEW

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.

Ref. 100262   Ref. 100263   Ref. 100264

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

Boxes with membrane
Without safety lock
(10 unit bags)
Plastic.
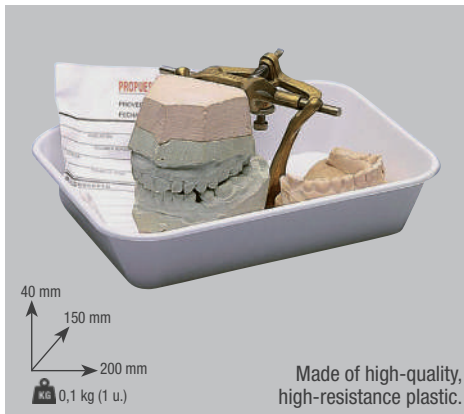
Ref. 100261   Ref. 100260   Ref. 100259

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

Laboratory instruments

MESTRA

Model tray
Ref. 050350

40 mm
150 mm
200 mm
0,1 kg (1 u.)

Made of high-quality, high-resistance plastic.

Model tray (10 units each colour)

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.

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

145 mm
190 mm
140 mm
0,2 kg (1 u.)

40 mm

Rail **Ref. 100060**

Rail
Ref. 100060

45 mm
11 mm
1000 mm
0,5 kg (1 u.)
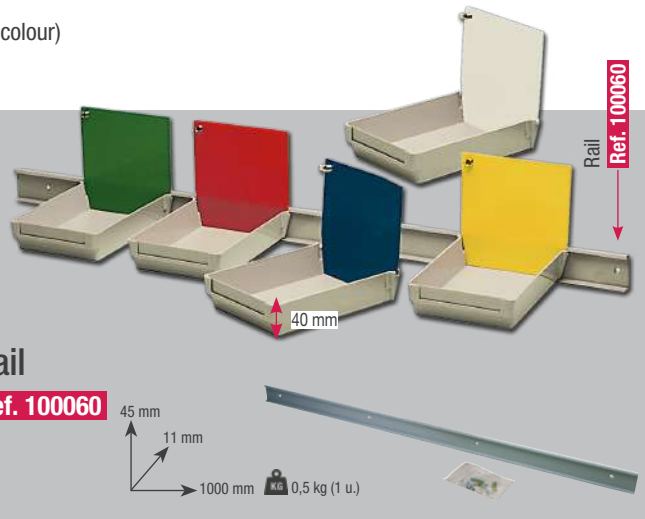
Model tray (large)
(10 units each colour)

Similar to the previous model, but larger.

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

145 mm
205 mm
195 mm
40 mm
0,3 kg (1 u.)

Model tray (tabletop)
(10 units each colour)

Ref. 100043 Yellow (10 u.)
Ref. 100044 Blue (10 u.)
Ref. 100045 Red (10 u.)
Ref. 100046 Purple (10 u.)
Ref. 100047 White (10 u.)

210 mm
150 mm
140 mm
60 mm
0,13 kg (1 u.)

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

Model tray (high)
(10 units each colour)

Yellow - Ref. 100071
Blue - Ref. 100072
Red - Ref. 100073
Green - Ref. 100074
White - Ref. 100075

NEW

Rail **Ref. 100060**

60 mm

145 mm
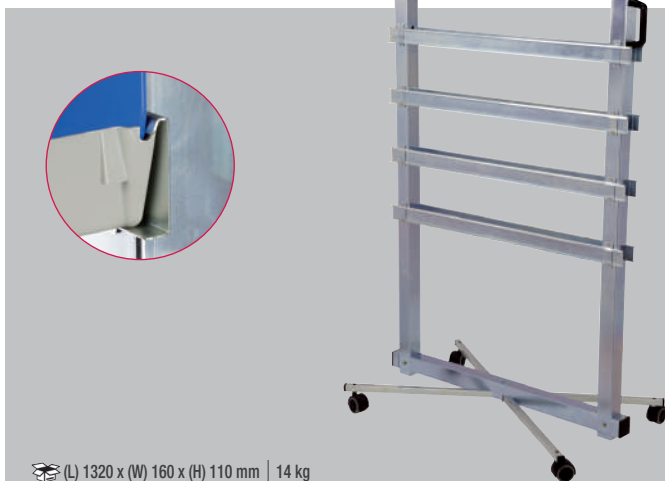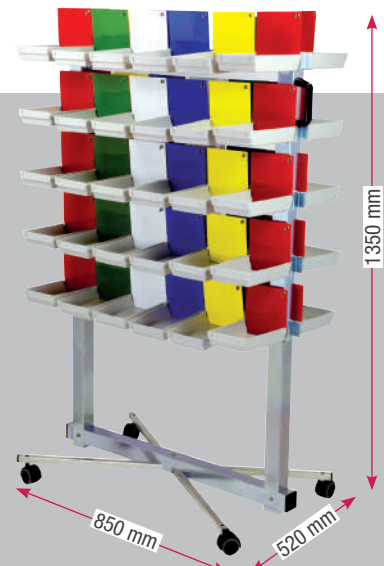155 mm
145 mm
0,2 kg (1 u.)
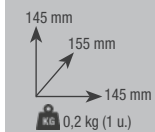
Tray trolley
Ref. 100048

TRAY TROLLEY
+ 30 small units
+ 20 large units
Ref. 100048-50

TRAY TROLLEY
+ 60 small units
Ref. 100048-60

1350 mm
850 mm
520 mm

(L) 1320 x (W) 160 x (H) 110 mm | 14 kg

20

Water and plaster dispenser - **Boomerang Precision II**
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.

TECHNICAL CHARACTERISTICS

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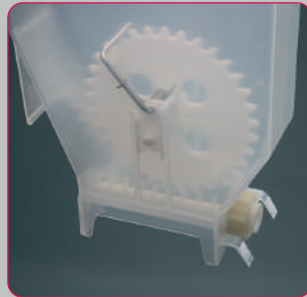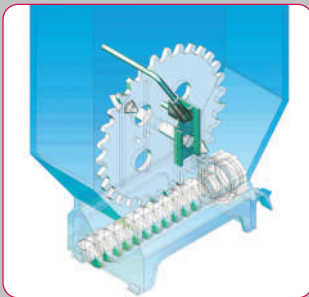
In case of a failure or obstruction in the dosage spindle, you can dismount and mount it again in less than two minutes, and no training in mechanics or special tools are required. Your hands are enough.

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.

Plaster tank
Ref. 080590-03

Bracket
Ref. 080591-02

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

(L) 490 x (W) 460 x (H) 480 mm | 8 kg | 9 kg

MESTRA

Vacuum mixer

Ref. 080516	**Iris II**
Ref. 080517	**Iris II Evolution**
Ref. 080517E	**Iris II Evolution Inverter**
Ref. 080518	**Iris II Evolution Advanced**

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 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.

Ref. 080516

Ref. 080517

Ref. 080518

Ref. 080517E

350 mm
205 mm
155 mm
4,8 kg

Optional support
Ref. 080519 7,5 kg

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

650 mm
250 mm
270 mm

Standard

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

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 flexble and practically unbreakable.

The blaide 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.

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.

Specifications

Power	250 W
Voltage	230 V. 50/60 Hz.
Speed	240
⟳⟲	Cada 10"

250 mm
320 mm
310 mm 10,7 kg

Ref. 080522

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

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.

560 mm
400 mm
360 mm
10,7 kg

(L) 600 x (W) 420 x (H) 440 mm | 10 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.

Standard

1   2   3   4   5   6   7

Specifications

Bowl	Reference	Ø	Height	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. (especial alginato)	Ref. 080528	93	92	0,400 kg

MESTRA

Mulhacén model trimmer - Sandpaper　Ref. 080093
Mulhacén model trimmer - Carbide　Ref. 080094
Mulhacén model trimmer - Diamant　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.

Ref. 080093

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

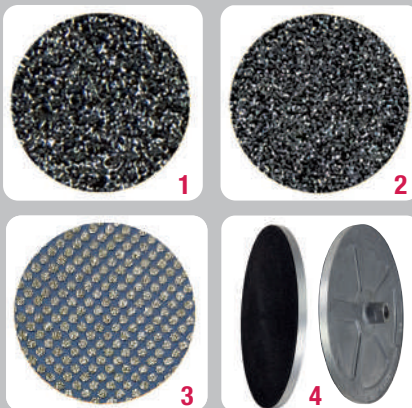✓ Hook-and-loop (Velcro®) type abrasive disc. High cutting power and very easy to replace

Ref. 080095

Voltage	230 V - 50-60 Hz	Speed	3000 r.p.m.
Rated power	1600 W	Dimensions	(L) 340 x (An) 340 x (Al) 420 mm
Disc diameter	250 mm	Weight	14,5 kg

(L) 400 x (W) 530 x (H) 440 mm ｜ 13,5 kg

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

Abrasive disc　　**Diamond disc**

1　2

3　4

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 isnot wet.
✓ Higher performance and longer life, minimal effort.
✓ Optional exhauster (essential).

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

Ref. 080538　　Ref. 080539

MESTRA

Serantes model trimmer

Sandpaper disc trimmer   Ref. 080097
Diamant disc trimmer   Ref. 080098

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.

Ref. 080097

Ref. 080098

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

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

Sandpaper disc DRY trimmer   Ref. 080099   NEW

Voltage	230 V - 50-60 Hz	Speed	3000 r.p.m.
Rated power	1600 W	Dimensions	(L) 380 x (An) 285 x (Alt) 340 mm
Disc diameter	235 mm	Weight	10,5 kg

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

Abrasive disc   Diamond disc

1   2   3

The main characteristic of the trimmer is that the surfacing operation is performed dry.

✓ Stability of the material to be trimmed, since it isnot wet.
✓ Higher performance and longer life, minimal effort.
✓ Optional exhauster (essential).

ACCESSORIES
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

Ref. 080538   Ref. 080539

MESTRA

Model trimmer (Classic)
Silicon carbide disc trimmer: Ref. 080080 Ref. 080082
Diamond disc trimmer: Ref. 080081 Ref. 080083

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.

CARBIDE DISC

1500 rpm
Ref. 080080

3000 rpm
Ref. 080082

DIAMOND DISC

1500 rpm
Ref. 080081

3000 rpm
Ref. 080083

	1500 rpm	3000 rpm
Monophasic motor	Ref. 080080-81-84	Ref. 080082-83
Voltage	230 V - 50-60 Hz	230 V - 50-60 Hz
Rated power	800 W	1200 W
Disc diameter	250 / 254 mm	250 / 254 mm
R.P.M.	1500	3000
Capacitor	12 µF 450 V	16 µF 450 V

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

CAUTION!
Diamond discs are very heath-sensitive:
Do not trim or rectify metal pieces or coatings.

1   **2-3**

ACCESSORIES
1. Ref. 080080-03 - Silicon carbide disc Ø 250 mm
2. Ref. 080081-01 - Diamond disc Ø 254 mm
3. Ref. 080079-05 - All diamond disc Ø 254 mm

RDS-1 model trimmer   Ref. 080084

The main characteristic of the trimmer is that the surfacing operation is performed dry.

✓ Stability of the material to be trimmed, since it isnot wet.
✓ Higher performance and longer life, minimal effort.
✓ Optional exhauster (essential).

Ref. 080538

Ref. 080539

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 beendesigned for the unit to be easily installed under the sink.

Height	465 mm
Diameter	400 mm
Capacity	19 l
Weight	3,200 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.

Height	345 mm
Diameter	350 mm
Capacity	14 l
Weight	2,200 kg

(L) 360 x (W) 360 x (H) 340 mm | 2,8 kg

Decanter (18 l.)
Ref. 080086

Inox

✓ Made of stainless steel.
✓ With plastic lid to prevent smells.

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

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.

Inox

300 mm
275 mm
275 mm
11 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:

Nº5 X (standard), Nº3 and Nº6 (fine). On the other hand, the cylindrical bur is supplied with serration Nº3 and Nº6. Dimensions: Head diameter 12,5 mm; total length 77 mm.

1 2 3 4 5 6 7
Standard
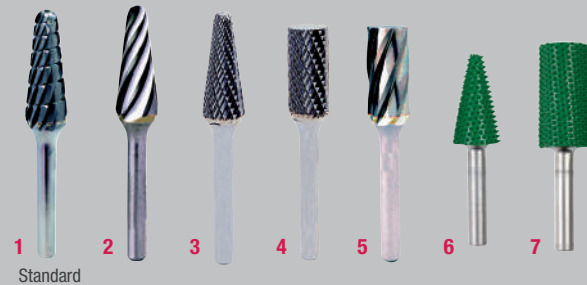
	Monophasic motor / Rated power	250 W
	Speed	3.000 rpm.
	Voltage	230 V 50/60 Hz.

(L) 520 x (W) 290 x (H) 360 mm | 12,5 kg

	Type	Weight	(L) x (W) x (H)
1. Ref. 080102-09	Conical (serration nº 5x). Standard	0,041 kg	95 x 17 x 16 mm
2. Ref. 080106	Conical (serration nº 3)	0,043 kg	75 x 17 x 16 mm
3. Ref. 080103	Conical (serration nº 6)	0,052 kg	95 x 17 x 16 mm
4. Ref. 080104	Cylindrical (serration nº 6)	0,060 kg	95 x 17 x 16 mm
5. Ref. 080105	Cylindrical (serration nº 3)	0,053 kg	95 x 17 x 16 mm
6. Ref. 080107	Tungsten conical (serration)	0,026 kg	85 x 22 Ø mm
7. 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-Widthring system has to be ease 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
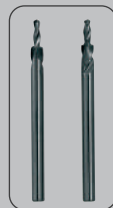
Ref. 100250-05 (1,85) mm
Ref. 100250-06 (1,95) mm

| Height	300 mm	Voltage	230 V 50/60 Hz
Width	165 mm	Power	100 W
Depth	165 mm	Speed	6.000 rpm.
Weight	5 kg		

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

MESTRA

BI-V-PIN (long 15 mm) Ref. 050560 (1.000 u.)
BI-V-PIN (short 13 mm) Ref. 050558 (1.000 u.)

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)
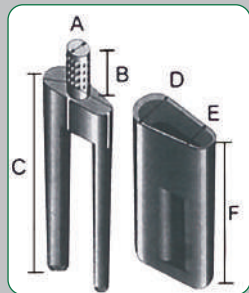
Bi-V-Pin

Dimension (mm)		
A	B	C
1,95	5	13

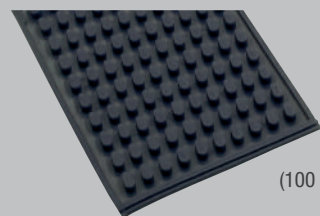**Metal sleeve**

Dimension (mm)		
D	E	F
2,5	1,90	11

(L) 165 x (W) 73 x (H) 110 mm | 1,68 kg

Rubber sheets for BI-V-PIN
Ref. 050570

(100 unit sheet)

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

Bi-V-Pin

Dimension (mm)		
A	B	C
1,95	5	15

Metal sleeve

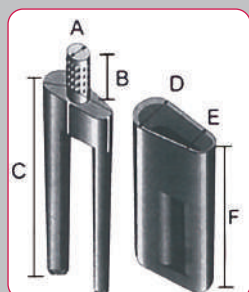| Dimension (mm)		
D	E	F
2,5	1,90	12,95

(L) 165 x (W) 73 x (H) 110 mm | 1,7 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.

Bi-V-Pin

Dimension (mm)		
A	B	C
1,95	5	15

Camisa metálica

Dimension (mm)		
D	E	F
2,5	1,90	13

(L) 163 x (W) 73 x (H) 108 mm | 1,03 kg

Rubber sheets for BI-V-PIN
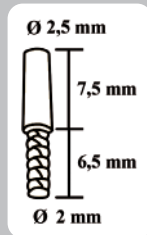Ref. 050574

(L) 97 x (W) 70 x (H) 5 mm | 0,01.3 kg

(100 unit sheet)

29

Machines - Modeling
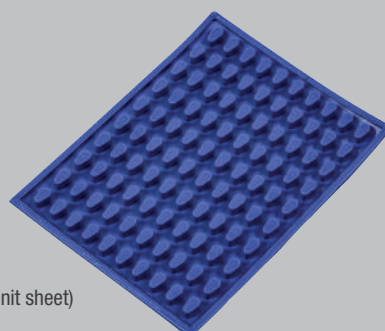
PIN (short cylinder)
Ref. 050576

"Knurled" short cylindrical pin
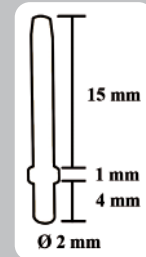14 mm (pack 1000 u.)

Ø 2,5 mm
7,5 mm
6,5 mm
Ø 2 mm

(L) 90 x (W) 70 x (H) 55 mm | 0,38 kg

PIN (long cylinder)
Ref. 050578

Long cylindrical pin
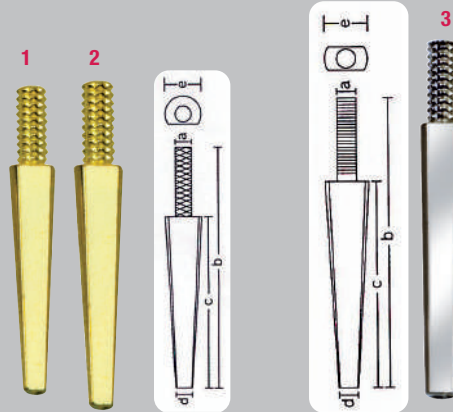20 mm (pack 1.000 u.)

15 mm
1 mm
4 mm
Ø 2 mm

(L) 120 x (W) 95 x (H) 43 mm | 0,40 kg

Dowel Pin (1.000 u.)

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

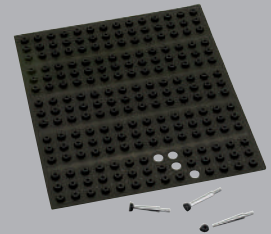| Dimension (mm)				
	A	B	C	D	E
1	1,95	20	15	1,50	2,95
2	1,95	22	17	1,60	3,16
3	1,95	22	17	1,60	2,90

(L) 90 x (W) 70 x (H) 55 mm | 0,52 kg
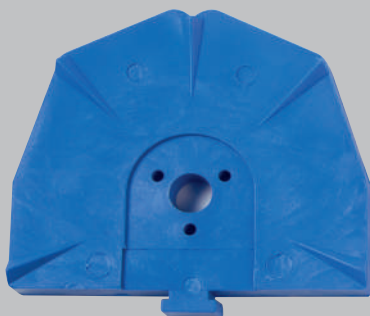
Rubber sheets for Dowel Pin
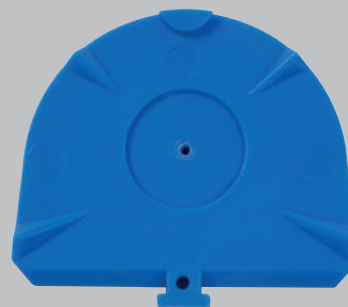**Ref. 050572**

(210 unit sheet)

(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

NEW

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

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 wave form 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.

TEIDE CIMA Ref. 080024

TEIDE Ref. 080022

Accessory:
Ref. 080022-10

TEIDE 1 Ref. 080021

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

MESTRA

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
Weight	5,500 kg

(L) 310 x (W) 310 x (H) 190 mm | 6,2 kg

Machines - Modeling

MESTRA

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.

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.

MESTRA

Large electrovibrator
Ref. 080010

Made of steel plate. Epoxy paint. Equiped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations.

Resting on suction pads. Working plate made of rubber on a metal body.

(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	14,5 kg

Square electrovibrator
Ref. 080020

Made of steel plate. Epoxy paint. Equiped with illuminated start/stop switch. Potentiometer for progressive adjustment of vibrations.

Resting on suction pads. Working plate made of rubber on a metal body.

(L) 235 x (W) 235 x (H) 105 mm	6,3 kg	
Working area	220 x 220 mm	(L) 310 x (W) 310 x (H) 190 mm	7 kg

Rectangular electrovibrator
Ref. 080025

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

(L) 235 x (W) 170 x (H) 105 mm	6,2 kg	
Working area	220 x 160 mm	(L) 310 x (W) 310 x (H) 190 mm	6,9 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 potenciometer, a selector switch (±) for stepped adjustment of vibrations, and an "ON" light.

(L) 152 x (W) 152 x (H) 100 mm	2,5 kg	
Working area	120 mm	(L) 310 x (W) 310 x (H) 190 mm	3 kg

Rectangular electrovibrator
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 dismounted to clean the unit.

(L) 275 x (W) 215 x (H) 100 mm	5,56 kg	
Working area	260 x 190 mm	(L) 315 x (W) 260 x (H) 120 mm	6,27 kg

Round electrovibrator small
Ref. 100200

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

(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	2 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.

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	6,310 kg

(L) 520 x (W) 300 x (H) 360 mm | 7,4 kg
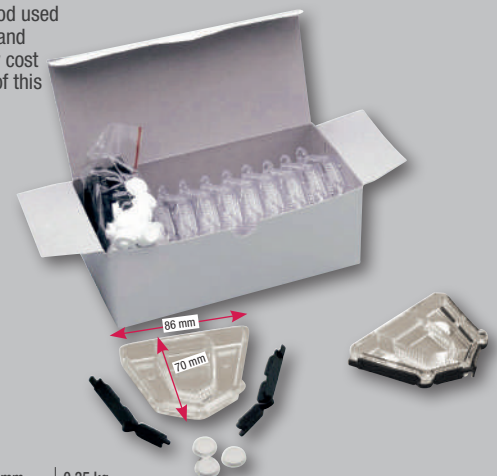
Indigrap
Ref. 050340 (10 u.)

(L) 180 x (W) 80 x (H) 110 mm | 0,54 kg

Die tray system
Ref. 100206 (10 u.)

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.

86 mm
70 mm

(L) 190 x (W) 70 x (H) 90 mm | 0,35 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 ºC), to facilitate the handling of composites, improving their fluidity.

Height	135 mm	Temperature	40-50 y 70ºC
Width	97 mm	Diameter of holes	16 mm
Depth	110 mm	Voltage	100 a 240 V
Weight	0,742 kg		

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.

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

(L) 300 x (W) 300 x (H) 200 mm | 2 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 ºC to 75 ºC. A powerful heater allows reaching the set temperature in a few minutes.

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

(L) 300 x (W) 300 x (H) 200 mm | 2 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.

90 mm
145 mm
120 mm
0,6 kg

Voltage	230 V
Power	30 W
Tank	Ø 35 ↕ 35

(L) 150 x (W) 120 x (H) 120 mm | 0,63 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.

Height	60 mm	Weight	1,1 kg
Width	150 mm	Power	60 W
Depth	140 mm	Voltage	230 V 50/60 Hz

(L) 210 x (W) 155 x (H) 64 mm | 1,1 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.

Voltage	230 V
Temperature range	50-120 ºC
Power	60 W

70 mm
140 mm
110 mm

(L) 240 x (W) 180 x (H) 90 mm | 0,84 kg | 0,48 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.

Voltage	230 V
Temperature range	50-120 ºC
Power	60 W

74 mm
140 mm
200 mm

(L) 240 x (W) 180 x (H) 90 mm | 1,2 kg | 0,7 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.

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

Height	70 mm	Voltage	230 V 50-60 Hz
Width	192 mm	Temperature	50-120 ºC
Depth	114 mm	Power	120 W
Weight	1,1 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.

(L) 250 x (W) 180 x (H) 90 mm | 1,3 kg

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

Gas burner
Ref. 100001

Highly practical and easy to use. It is equipped with an atomizer head with 1.300 ºC flame temperature and 2 hours autonomy with full tank.

Burning is through an automatic piezoelectric device and flame can be regulated.
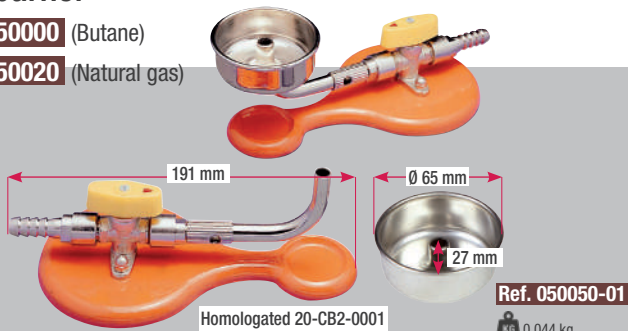
(L) 130 x (W) 90 x (H) 120 mm | 0,28 kg

Blowtorchs and burners

Ref. 100003
Ref. 100002
Ref. 100026
Ref. 100025
Ref. 100027
Ref. 100005

Gas burner
Ref. 050000 (Butane)
Ref. 050020 (Natural gas)

191 mm

Ø 65 mm
27 mm

Homologated 20-CB2-0001

Ref. 050050-01
0,044 kg

Gas burner with wax container
Ref. 050030 (Butane)   Ref. 050050 (Natural gas)
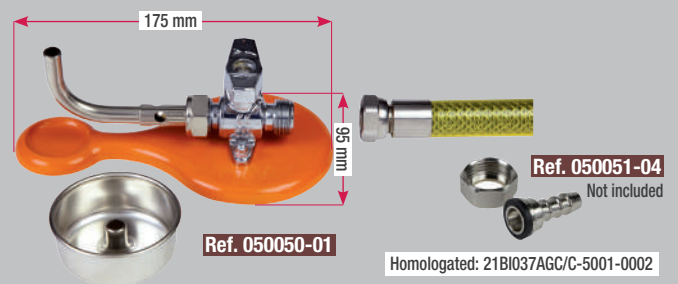
Gas burner for threaded hose

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

175 mm
95 mm
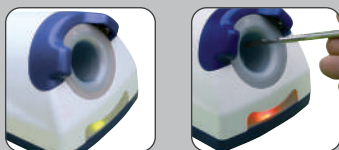
Ref. 050050-01

Ref. 050051-04
Not included

Homologated: 21BI037AGC/C-5001-0002

(L) 245 x (W) 100 x (H) 70 mm | 0,46 kg

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

0,53 kg

Voltage	230 V
Power	100 W

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

Wax moulds
Ref. 050200 (straight)   Ref. 050210 (curve)
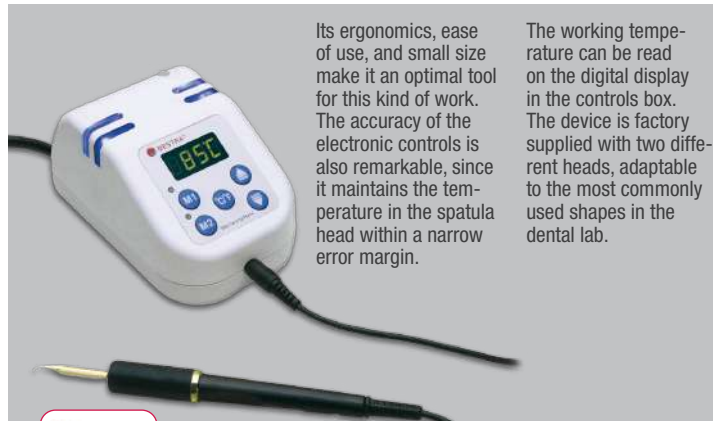
Ref. 050200	10 ingot	123 x 10
(L) 175 x (W) 145 x (H) 15 mm		0,253 kg
Ref. 050210	(L) 65 x (W) 74 x (H) 18 mm	0,063 kg

MESTRA

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.
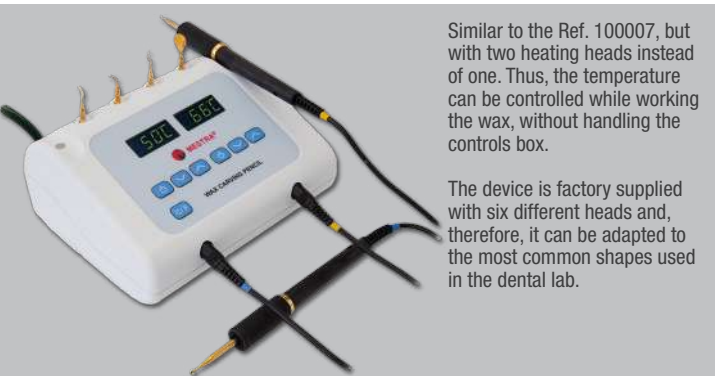
Height	65 mm	Voltage	230 V
Width	75 mm	Temperature	50-200 ºC
Depth	120 mm	Power	12 W
Weight	0,65 kg		

(L) 250 x (W) 180 x (H) 90 mm | 1 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.

Height	70 mm	Voltage	230 V
Width	150 mm	Temperature	50-200 ºC
Depth	120 mm	Power	20 W
Weight	0,9 kg		

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

Surveyor
Ref. 050310

Concentric clamp for 2 mm rods.
Componentes included:
- ✓ Wax knife.
- ✓ Analyzing rod.
- ✓ Rod with: 0,25 - 0,50 - 0,75 rib.
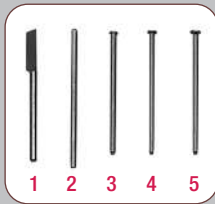- ✓ Holder with loads (6 u.) **Ref. 050310-35**

(L) 250 x (W) Ø168 | 4,15 kg
(L) 315 x (W) 315 x (H) 200 mm | 5 kg

Atache tongs (Surveyor)
Ref. 050320

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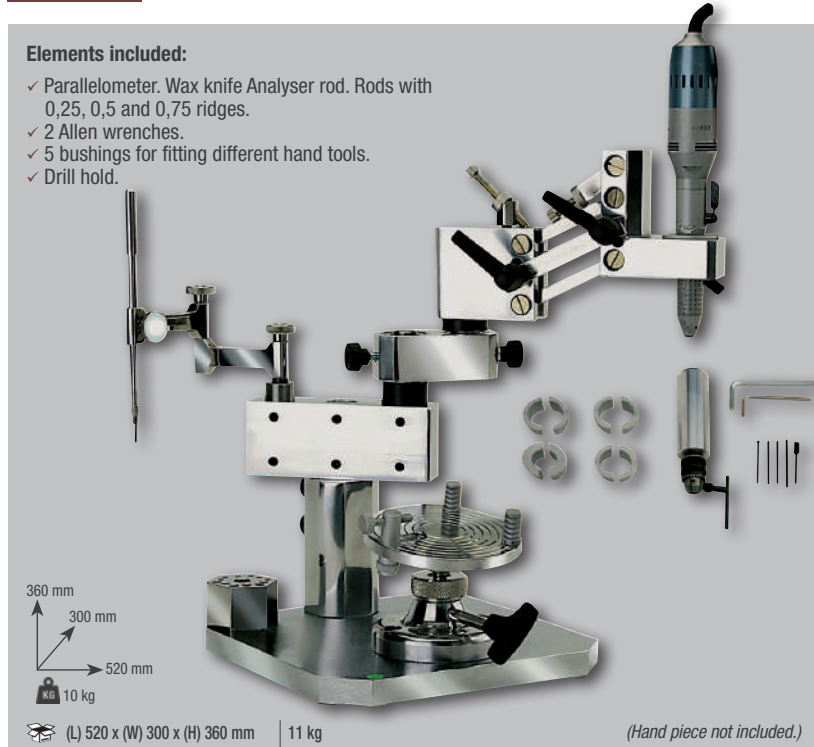

(L) 178 x (W) Ø12 | 0,065 kg
(L) 315 x (W) 315 x (H) 200 mm | 0,076 kg

Milling support (V-3 paralellometer)
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.

360 mm
300 mm
520 mm
10 kg

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

(Hand piece not included.)

Electronic spatula (for parallelometer)
Ref. 100006 A/B/C
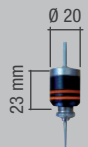
Ø 3, 2.35 or 2 mm fixing shaft (diameter to be chosen when ordering). Ideal to be fitted in a parallelometer, micro-drilling support or similar device for modelling wax pieces. It is factory supplied with a complete tip set and an electronic control box.

The control box allows an accurate adjustment of the working temperature of the tip by showing it on the digital display.

Ø fixing shaft of parallelometer Mestra →	A- 3 mm
	B- 2 mm
	C- 2,35 mm

Ø 20
23 mm

Height	65 mm	Voltage	230 V
Width	75 mm	Temperature range	50-200 ºC
Depth	120 mm	Power	12 W
Weight	0,650 kg	Height adaptor	23 mm

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

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Light curing pattern **Ti-Light**
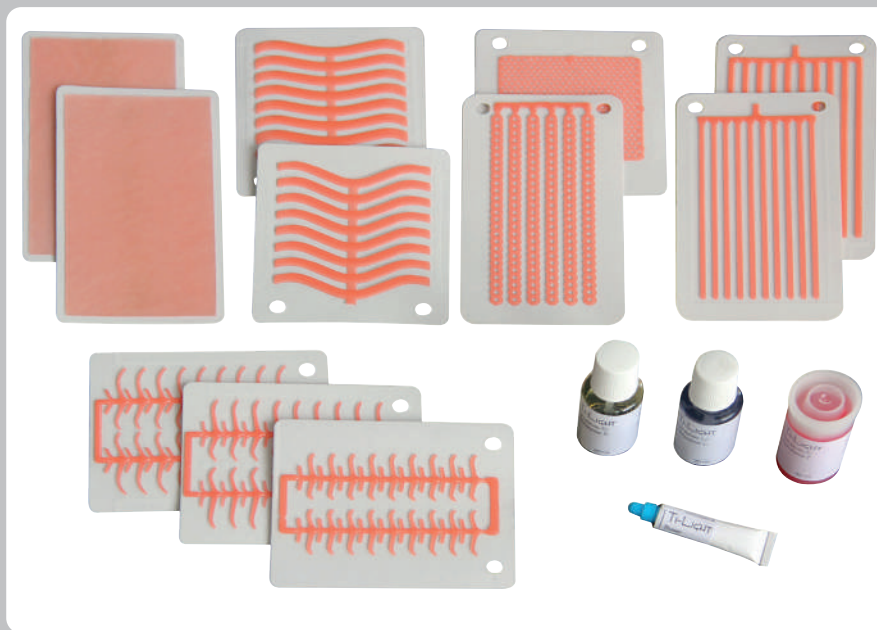
Imagine a product with the same characteristics, texture and formability as conventional modeling wax. Imagine that the same product, after being modeled, allows curing with a simple lamp, thus acquiring the own characteristics of a composite.

Finally, also imagine that the modeled skeleton can be coated and casted following a conventional process, without appearing Voltages, contractions, sinking or ashes.

Can you imagine now the time and consumable that you would save with that material?

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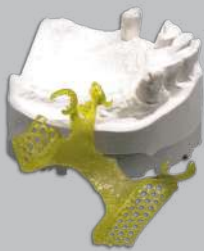rm skeleton modeling work; replacement boxes with different pre-formed elements (hooks, grilles, plates, reinforcements, etc.); and adhesives and separators that complement the family.

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.

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	25 ml

(L) 210 x (W) 155 x (H) 85 mm   0,4 kg

The union between the different elements of the skeleton is simple. Depending on the case, they can be glued by joining 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.

REPLACEMENTS		
Reference	**Quantity/Box**	**Description**
Ref. 110001-01	5 sheets	Molar clasps (18 pieces)
Ref. 110001-02	5 sheets	Premolar clasps (18 pieces)
Ref. 110001-03	5 sheets	Skeleton sheets
Ref. 110001-04	5 sheets	Stipple sheet 0.35 mm
Ref. 110001-05	5 sheets	Stipple sheet 0.45 mm
Ref. 110001-06	5 sheets	Stipple sheet 0,55 mm
Ref. 110001-07	4 sheets	Lingual bars (6 pieces)
Ref. 110001-08	4 sheets	Lingual plates (6 pieces)
Ref. 110001-10	4 sheets	Palatal plates (6 pieces)
Ref. 110001-11	5 sheets	Thick reinforcements (6 pieces)
Ref. 110001-12	5 sheets	Thin reinforcements (6 pieces)
Ref. 110001-13	5 sheets	Finishing lines (6 pieces)
Ref. 110001-14	5 g.	Glue (polymerizable)
Ref. 110001-15	20 ml	Separator L
Ref. 110001-16	20 ml	Separator D
Ref. 110001-17	30 ml	Separator F

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.

E2 washing and polymerizing machine
Ref. 080060

Inox

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

1- Shower programme

✓ 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.

✓ Shower time required.

2- Polymerization programme

✓ 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.

✓ Duration of each controlled temperature increase gradient in hours and minutes from 0.00 to 99.59.

✓ Required holding time at each temperature plateau in hours and minutes from 0.00 to 99.59.
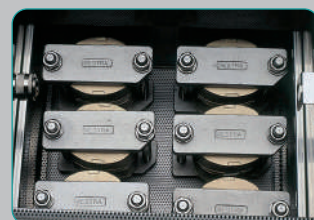
✓ Shower time required.

Chassis completely made of stainless steel

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

Fast spray tree assembly & disassembly system.

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
R - 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 kg

Large compartment with room for 6 clamps with 2 flasks each

Drain cock.

Washing machine cabinet
Ref. 080050

Inox

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.

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

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

MESTRA

Polymerizer M-9 — Ref. 080400
Polymerizer M-18 — Ref. 080402

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.

Inox

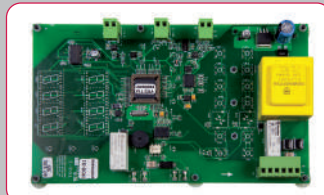Ref. 080402

Ref. 080400

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.

Chassis completely made of stainless steel.

MICROPROCESSOR

- Time and 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.

	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 (without knob)	(L) 500 x (W) 420 (with key) x (H) 510 mm (without 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

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

Polymerizing machine

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 **Magic-9** and **Magic-18** Polymerizers and for the **POLIExtreme LP-E2.**
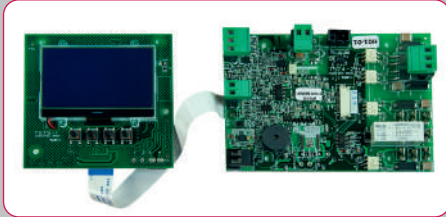
MICROPROCESSOR

✓ Time and 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.

FEATURES:

✓ Delayed start time from 99 h 59 min.
✓ Time to reach and to maintain the temperature from 00.00 to 180 m.
✓ Water temperature (max: boiling).
✓ 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.

	Ref. 080405 - Magic-9	Ref. 080407 - Magic-18
Voltage	230 V - 50-60 Hz.	230 V - 50-60 Hz.
Power	1750 W	3000 W
Dimensions	(L) 480 x (W) 270 (con llave) x (H) 470 mm (con pomo)	(L) 500 x (W) 420 (con llave) x (H) 510 mm (con pomo)
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

Magic 9	(L) 650 x (W) 330 x (H) 550 mm	18 kg
Magic 18	(L) 740 x (W) 520 x (H) 680 mm	27 kg

POLI Extreme LP-E2 washing and polymerizer machine
Ref. 080063

	Extreme LP-E2
Voltage	230 V - 50-60 Hz.
Power	2200 + 400 W
Dimensions	(L) 635 x (W) 405 (with key) x (H) 450 mm (without knob)
Inside measures	(L) 400 x (W) 320 x (H) 350 mm
Weight	34 kg

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

Automatic polymerizing pot **Autopol Geisser**

Ref. 030425 (6 litres)   **Ref.030430** (8 litres)

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.

Two safety valves.

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

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

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

Certificate por TÜV Rheinland®
Type certificate **Nº PED.BD.000011**
Directive **2014/68/UE** (pressure equipment)

	R-030425	R-030430
Pressure	2 bar	2 bar
Max. temperature	100 ºC	100 ºC
Tank capacity	6 litres	8 litres
Heating power	600 W	600 W
Height	350 mm	400 mm
Width	360 mm	360 mm
Depth	400 mm	400 mm
Weight	5,5 kg	5,7 kg

Pneumatic polymerizing pot

Ref. 030420 (6 litres)   **Ref.030422** (8 litres)

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 ºC.

Inox

Double safety valve:

70 mm
140 mm
110 mm   0,48 kg

Diameter	245 mm
Made of	Stainless steel
Volume tank	6 - 8 l.

(L) 275 x (W) 440 x (H) 260 mm   3,44 kg

Poli-Plus (pressure polymerizer)

Ref. 080460

Made of stainless steel. Tank of anodyzed 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

320 mm
395 mm
310 mm   20 kg

Max. temperature	135 ºC
Max. temperature	6,5 bar
Tank capacity	Ø 135 x 115 mm
Power	1.000 W
Voltage	230 V 50/60 Hz

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

Clamp
(for pressure-vessel)

Ref. 030000

Made of hardened duralumin.

Inside dimensions

175 mm

130 mm · 3 kg

Pressure vessel
(for self-polymerizing resins)

Ref. 030010

Outside dimensions		Inside dimensions	
Height	165 mm	Height	115 mm
Diameter	123 mm	Diameter	103 mm

1,6 kg

Pneumatic container
(for casting rings)

Ref. 040210

Essential for the elimination of micropores produced in casting rings linings by bubbles not eliminated even by vacuum mixers. Thanks to the strong pressure (6-8 atmospheres) exerted on the lining, air bubbles are eliminated and the lining is compacted. This favours casting, particularly of hard metals such as Cr-Ni - Cr-Co.

Inside dimensions

90 mm
110 mm
110 mm

2 kg

Curing light Sun Beam

Ref. 080550

Inox

This 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 (**Ref. 080550-50**) and a bag with fixing pins.

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 · 7,5 kg
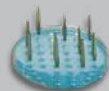
Ref. 080550-50

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.

Dimensions	115 x 215 x 295 mm
Weight	2 kg
Voltage	230 V 50/60 Hz
Power	40 W
Nanometers	350/400

(L) 435 x (W) 3270 x (H) 260 mm · 3,8 kg

Curing light

Valid for the vast majority of materials.

Ref. 100036

Dimensions	107 x 200 x 285 mm
Weight	1,2 kg
Voltage	240 V 50/60 Hz
Power	65 W
Spectrum	400-405 nm / 460-465 nm

Ref. 100037

Dimensions	107 x 200 x 285 mm
Weight	1,2 kg
Voltage	240 V 50/60 Hz
Power	65 W
Spectrum	400-405 nm

Light curing plates
Pink (box 50 u.)

Ref. 130320 Thickness: 2,2 - 2,4

Ref. 130322 Thickness: 1,4

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.

MEGATRAY Light curing plates
Pink (box 50 u.)

Ref. 130330 Thickness: 2,2 - 2,4

Ref. 130334 Thickness: 1,4

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.

MESTRA

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:

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

Cabinet for Vestacast (stainless steel)
Ref. 040062

640 mm
550 mm
550 mm
34 kg

(L) 700 x (W) 700 x (H) 880 mm | 47 kg

Dimensions	360 x 565 x 640 mm
Weight	55,5 kg
Voltage	230 V 50/60 Hz
Power	16 A (appr.)
Melting power	2,6 kW 100 kHz
Water supply	2 l. /Min. (appr.)

(L) 700 x (W) 670 x (H) 700 mm | 72 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
8,1 kg
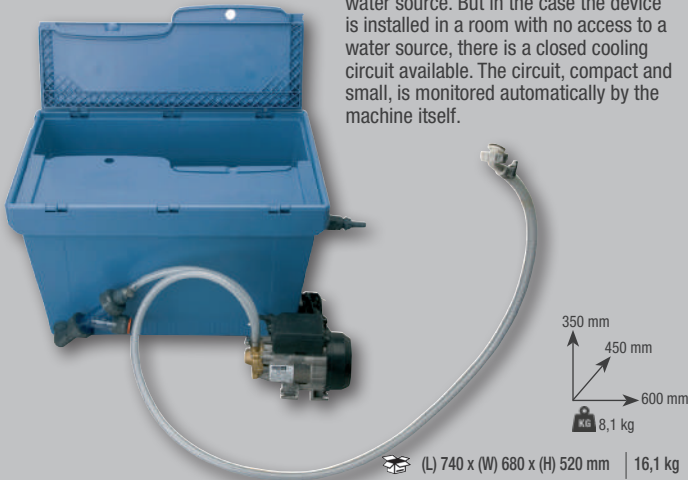
(L) 740 x (W) 680 x (H) 520 mm | 16,1 kg

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.
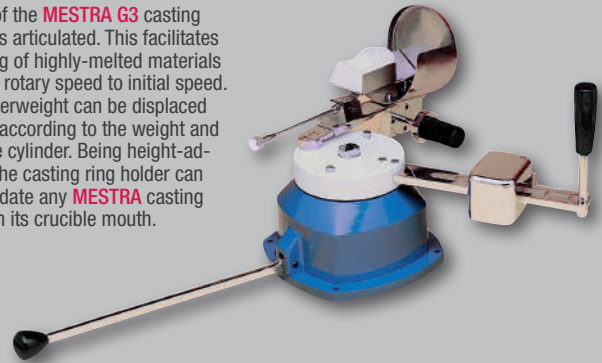
Dimensions	260 x 205 x 530 mm
Weight	13 kg
Diameter of rotation circle	540 mm

NOT AVAILABLE FOR EU

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

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.

(L) 700 x (W) 700 x (H) 540 mm | 51 kg

Cabinet for casting machine
(stainless steel) **Ref. 040065**

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

| Dimensions	330 x 600 x 560 mm
Weight	40 kg
Voltage	230 V 50/60 Hz
Rated power of the monophasic motor	370 W

625 mm
565 mm
605 mm
30 kg

(L) 700 x (W) 700 x (H) 880 mm | 45 kg
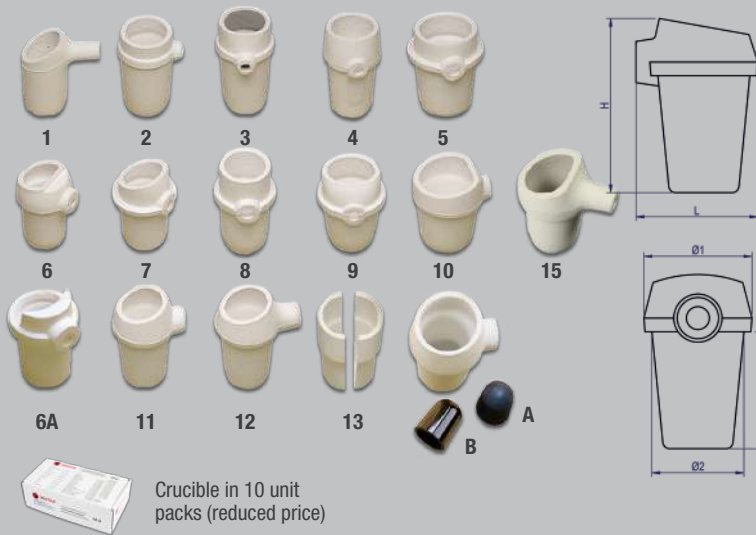
All these crucibles are also made with double layer as shown in figure 3.

N°	Reference	Model type	H	H1	L	Ø1	Ø2	Weight gr	Double layer	Weight gr
1	040548	LINN DKV2	70	-	63	38	38	75	040568	91
2	040550	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	ERCEMS	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	Para oro	
15	040587	KRUP	70	44	61	43	35		040587	73

(L) 255 x (W) 130 x (H) 85 mm | 1,35 kg

Crucible in 10 unit packs (reduced price)
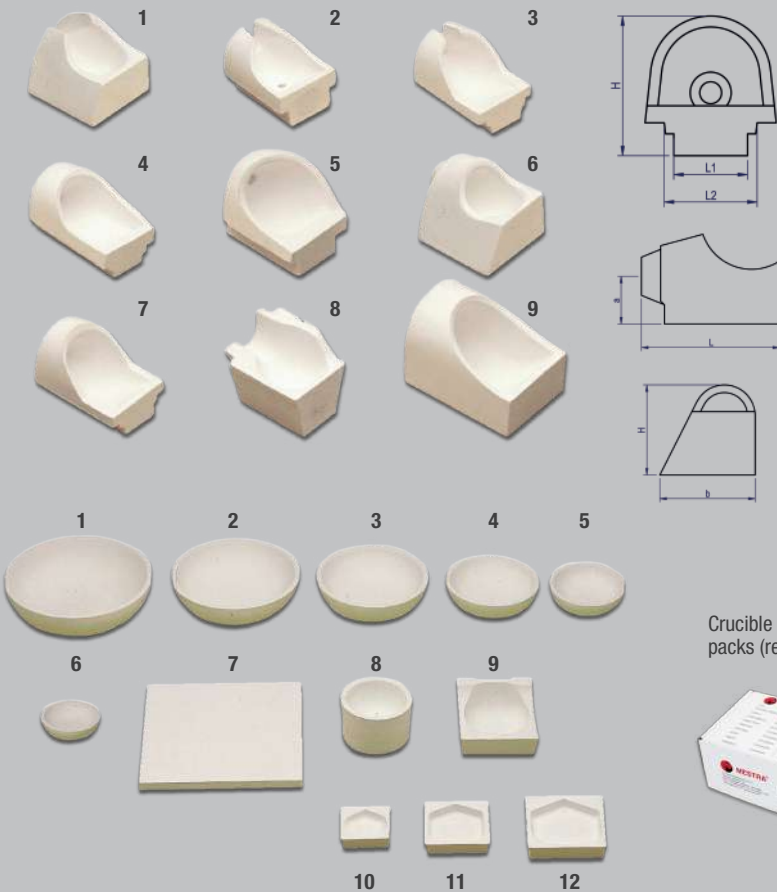
N°	Reference	Model type	H	L	L1	L2	a	b	Weight gr
1	040530	DEGUSSA ABIERTO	47	72	-	-	25	50	172
2	040532	KERR E	46	69	33	-	27,5	-	120
3	040534	KERR ABIERTO	48	74	29	36	20	-	110
4	040536	KERR LARGO	52	80	29	36	20	-	123
5	040538	MANFREDI	65	67	36	-	38	-	163
6	040540	DEGUSSA	47	72	-	-	28	50	166
7	040542	KERR	51	73	29	34	23	-	127
8	040544	KRUPP	50	65	31	43	36	-	135
9	040546	CREUSETS	60	92	-	-	30	58	257

N°	Reference	Model	Ø	H	a	b	Weight gr
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 | 1,35 kg

Crucible in 10 unit packs (reduced price)

Crucibles and crucible holders

Ref. 040300
Ref. 040302
Ref. 040304
Ref. 040306
Ref. 040320
Ref. 040322
Ref. 040324
Ref. 040326
Ref. 040260
Ref. 040280
Ref. 040290

1- PORTA CRISOL REDONDO	
040340	Ø 5 cm
040348	Ø 12 cm
040350	Ø 12 cm
2- PORTA CRISOL CUADRADO	
040360	5 x 5
040362	6 x 6
040364	7 x 7
040366	8 x 8
040368	10 x 10

Accessories

Ref. 040420
Ref. 040390
Ø 44 mm
15 mm
Ref. 040410

Turntable (for welding)

Ref. 040500

Rectangular refractory ceramic plate.

93 mm
120 mm
235 mm
2,38 kg

Pre-heating furnaces

HP25 Ref. 080142

HP50 Ref. 080144

HP100 Ref. 080148

Inox

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 ºC. 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.

HP100 HP50 HP25

Pre-heating furnaces **Vulcano**

HP25 Ref. 080133

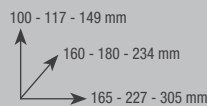**HP50** Ref. 080135

HP100 Ref. 080139

NEW Inox

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.

HP25 HP50 HP100

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
Max. temperature	1100ºC	1100ºC	1100ºC
Cylinder capacity 80 Ø mm	2-3	4-6	8-12

(L) 700 x (W) 540 x (H) 730 mm | 51 kg | 49 kg | 67kg

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

Dimensions of the muffles:

100 - 117 - 149 mm
160 - 180 - 234 mm
165 - 227 - 305 mm

Furnace internal tray:

HP 25 — 145 x 145
HP 50 — 160 x 195
HP 100 — 212 x 270

50D Pre-heating furnace

Ref. 080130

Inox

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

117 mm
227 mm
180 mm

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. temp.	1100ºC

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

Smoke extractor (for furnaces)

Ref. 080125

Inox

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 75ºC and 850ºC.

Dimensions	350 x 120 x 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

Inox

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	Power	600 W
Width	185 mm	Ø hose	38.5 mm
Weight	5.3 kg	Fuse	4 A

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

Furnace for ceramics
Ref. 100249

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.

Vacuum pump included:

Dimensions	426 x 320 x 392 mm
Weight	24 kg
Max. temperature	1200 ºC
Max. vacuum	−97 kPa
Nº programs	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 kg

Casting ring cleaner/Wax remover
Ref. 080068

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.

Inox

6 Casting rings 3x

113 mm

220 mm

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

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 kg

MESTRA

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.

Height	547 mm
Width	440 mm
Depth	385 mm
Weight	31 kg
Voltage	AC 230 V 50 Hz
Power	2000 W
Max. temp.	1550 ºC

Muffle

Magnetron

Controls

Susceptors
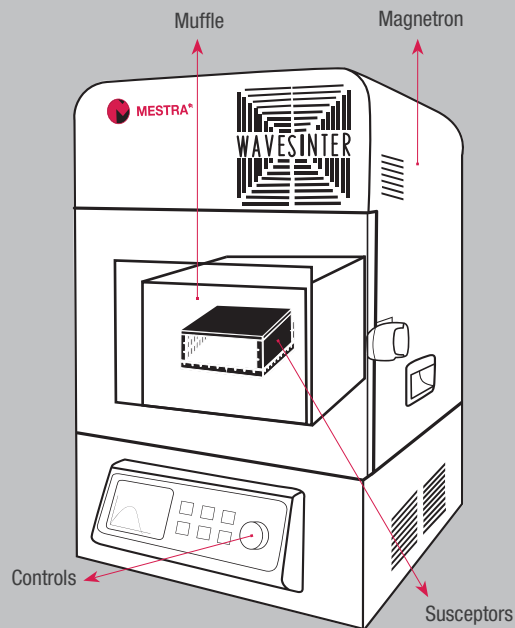
ADVANTAGES OF MICROWAVE SINTERING

BREAKAGES ARE AVOIDED

TIME SAVING

ENERGY SAVING

SAVINGS ON MAINTENANCE

RETRENCH OF SPACE

INTUITIVE OPERATION

GREATER PRODUCTION CAPACITY

QUALITY IMPROVEMENT

Consumables and accessories

080114-07
Tray

080114-09 Ø 1 mm
080114-16 Ø 2 mm
080114-37 Ø 3 mm

080114-10
Tray tool

080114-11
Tray support

080114-12
Temperature sensor
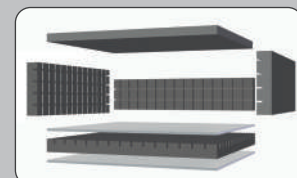
080114-13
Kit susceptors + plates

Casting rings and cones

Inox

3X 6X 9X
1X

Ref. 040130 Ref. 040134 Ref. 040135 Ref. 040136

Ref. 040131 Ref. 040132 Ref. 040133

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

Casting rings and cones

Inox

1X 3X 6X 9X

Ref. 040126

CASTING RINGS	CONES
Ref. 040118 I Ø 27 x 55 mm (1X)	Ref. 040122 I (1X)
Ref. 040119 I Ø 45 x 55 mm (3X)	Ref. 040123 I (3X)
Ref. 040120 I Ø 62 x 55 mm (6X)	Ref. 040124 I (6X)
Ref. 040121 I Ø 77 x 55 mm (9X)	Ref. 040125 I (9X)

Plastic casting rings

Ref. 040150 Ref. 040155 Ref. 040160

Ref. 040170 Ref. 040180 Ref. 040190

Ref. 040195 Ref. 040200 Ref. 040205

Polyethylene cones

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

6 mm
24 mm
30 mm

60 mm
6 mm

Ref. 040208
Conos - 100 uds.

Ref. 040207
Conos con tubo a.inox. - 10 uds.

Silicone casting rings

Ref. 040164 Ref. 040168

Ref. 040163 Ref. 040167

Ref. 040162

Silicone casting rings (oval)

Ref. 040165

Ref. 040166

Oval casting ring adapter
(for casting machine)

Ref. 040169 2 unit set

Large Small

Firing pegs
Ref. 050512

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

Trays for furnace

Ref. 050527 Ref. 050513 Ref. 050529-S

Ref. 050529 Ref. 050528

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

Pneumatic chisel starting pedal
Ref. 050552

Filter regulator
Ref. 050551

122 mm
200 mm
107 mm
76 mm

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.

77 mm 11 mm
10 mm
MESTRA
140 mm 50 mm 8 mm

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 ☐ from 125 to 134 mm
Sheets Ø from 125 to 134 mm
(adapter available for Ø 120, not included)

Dimensions	310 x 275 x 260 mm
Weight	4.6 kg
Power	925 W

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

Thermoforming sheets

Reference	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

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.

NEW

Double packaging (inside-outside).
For all types of use.
CE Medical decive

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 ☐ from 125 to 131 mm
Sheets Ø from 125 to 134 mm

Thermoforming sheets

Reference	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	Ø125 mm	0.3 mm	10
080575R	Crystal	Hard	Transparent	Ø125 mm	0.75 mm	5
080576R	Crystal	Hard	Transparent	Ø125 mm	1.0 mm	5
080577R	Crystal	Hard	Transparent	Ø125 mm	1.5 mm	5
080578R	Crystal	Hard	Transparent	Ø125 mm	2.0 mm	5
080579R	Milky	Hard	Translucent	Ø125 mm	0.6 mm	10
080580R	Soft	Soft	Translucent	Ø125 mm	1.0 mm	10
080581R	Soft	Soft	Translucent	Ø125 mm	1.5 mm	10
080582R	Soft	Soft	Translucent	Ø125 mm	2.0 mm	10
080583R	Soft	Soft	Translucent	Ø125 mm	3.0 mm	5
080584R	Soft	Soft	Translucent	Ø125 mm	4.0 mm	5

Dimensions	270 x 235 x 265 mm
Weight	7,5 kg
Power	450 W

(L) 310 x (W) 270 x (H) 310 mm | 8,5 kg

NEW

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.

CE Medical decive

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 Ø 7,8"   Ref. 080560G Ø 1"

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.

Dimensions	840 x 255 x 240 mm
Power	1100 W
Pressure	6/8 bars
Weight	29 kg

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

Supplied with two flasks
Ref. 020210

Aneto II gel mixer
Ref. 080512

NEW

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.

Dimensions	465 x 330 x 385 mm
Weight	14 kg
Voltage	230 V 50-60 Hz
Power	650 W
Speed	100 rpm
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 preprogramming 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.

Dimensions	500 x 320 x 320 mm	Power	700 W
Weight	15 kg	Speed	70 rpm (50 Hz) - 84 rpm (60 Hz)
Voltage	230 V 50-60 Hz	Capacity	6 L

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

Inox

Drying oven for thermoforming sheets
Ref. 080118

A fan circulates the hot air producing an uniform drying.

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

Dimensions	310 x 340 x 450 mm
Power	550-650 W
Weight	8,3 kg
Temperature	35-75 ºC

Spot welding machine
Ref. 100127

Its small size means it can 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 lexible cables to perform manual welds.

Dimensions	160 x 220 x 335 mm
Power	600 W
Weight	5,5 kg

(L) 470 x (W) 300 x (H) 160 mm   7,5 kg

Blasting, polishing and finishing

MESTRA

Sandblaster **Planetarium Plus IV**
Ref. 080246 (with heater)

High quality sandblasting machine. It has four tanks, each one with an independent pressure gauge and pressure control system, which provides great accuracy in fine blasting. A heating system located in each of the tanks keeps the sand free of humidity, thus preventing the appearance of lumps in the nozzles. The working cabinet has been carefully designed to achieve a comfortable and ergonomic working position.

The interior is lit with a fluorescent lamp and does not have shadow zones. The machine is supplied with tungsten carbide nozzles of 0.75 mm, 1 mm. and 1.25 mm, a control pedal; and in an interior air jet, which is very useful for cleaning the inside of the cabin.

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

Heating element
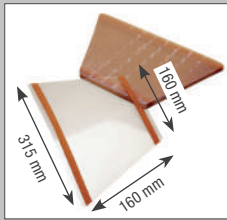
Ref. 080242-50
Easy to place self-adhesive protective cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

160 mm / 315 mm / 160 mm

Dimensions	385 x 515 x 440 mm
Operating pressure	2 a 6 bars
Max. air consumption	80 l. /min.
Voltage	230 V 50-60 Hz
Power	115 W
Weight	19,5 kg

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

Sandblaster **Galaxy**
Ref. 080235

Inox

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 ove 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.
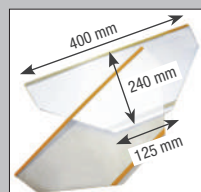
400 mm / 240 mm / 125 mm

Ref. 080235-50
Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

Dimensions	450 x 395 x 430 mm
Operating pressure	2 a 5 bars
Max. air consumption	90 l /min (5 bars)
Voltage	230 V 50-60 Hz
Power	15 W
Weight	19 kg

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

Sandblaster **Cosmos**
Ref. 080233

Inox

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 Ø3 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 Ø3 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
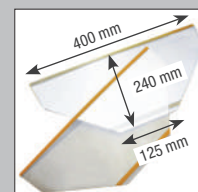
400 mm / 240 mm / 125 mm

Ref. 080235-50
Easy to place self-adhesive Protective Cover. It prevents glass from wearing out due to sand abrasion. Packs of 10 units.

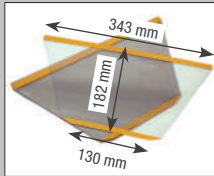| Dimensions	550 x 500 x 430 mm
Operating pressure	2 a 5 bars
Max. air consumption	90 l /min (5 bars)
Voltage	230 V 50-60 Hz
Power	10 W
Weight	20 kg

(L) 700 x (W) 540 x (H) 730 mm | 28,5 kg

52

Sandblaster **Plutón** (stainless steel)

Ref. 080253 2 Tanks

- ✓ 2 mobile pencils
- ✓ 1 pedal
- ✓ LED lamp

Inox

343 mm
182 mm
130 mm

Ref. 080253-50

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

Dimensions	290 x 235 x 340 mm
Operating pressure	2 a 5 bars
Max. air consumption	80 l /min.
Voltage	230 V 50-60 Hz
Power	20 W
Weight	7 kg

(L) 490 x (W) 475 x (H) 490 mm | 9,5 kg

Sandblaster **Plutón** (stainless steel)

Ref. 080254 1 Tank

NEW

- ✓ 1 mobile pencil
- ✓ 1 pedal
- ✓ LED lamp

Inox
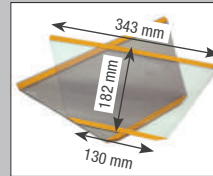
343 mm
182 mm
130 mm

Ref. 080253-50

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

Dimensions	290 x 235 x 340 mm
Operating pressure	2 a 5 bars
Max. air consumption	80 l /min.
Voltage	230 V 50-60 Hz
Power	20 W
Weight	7 kg

(L) 490 x (W) 475 x (H) 490 mm | 9,5 kg

Sandblaster **Constellation** (stainless steel)

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

Inox

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.
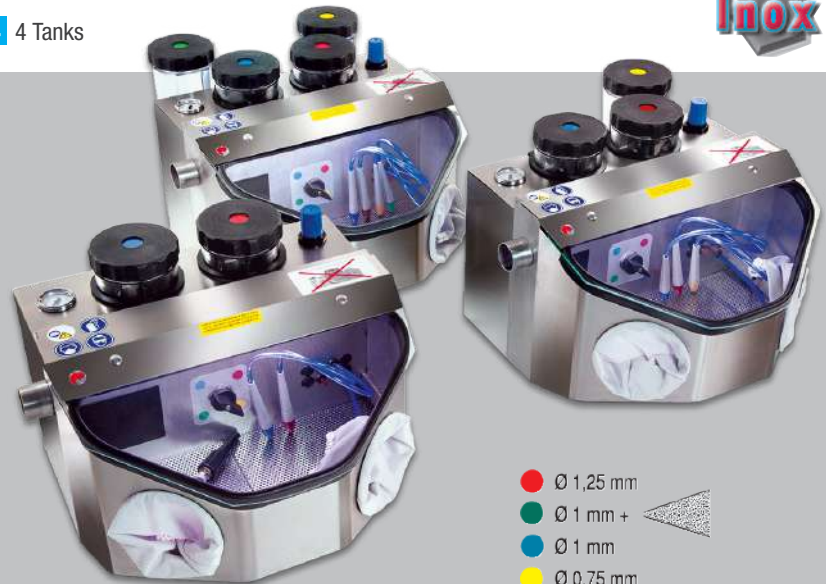
- 🔴 Ø 1,25 mm
- 🟢 Ø 1 mm +
- 🔵 Ø 1 mm
- 🟡 Ø 0,75 mm

Sandblaster **Constellation** (Epoxy paint)

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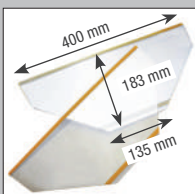
Inox

400 mm
183 mm
135 mm

Ref. 080262-50

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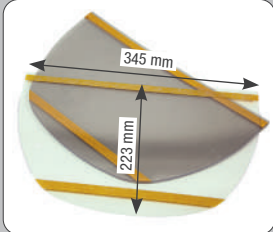out due to sand abrasion.
Packs of 10 units.

Dimensions	315 x 300 x 440 mm (3-4 tanks)
Operating pressure	2 a 5 bars
Max. air consumption	80 l /min.
Voltage	230 V 50-60 Hz
Power	20 W
Weight	15,5 kg

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

Sandblaster **Constellation Practic** (Epoxy paint)

Ref. 080259 2 Tanks
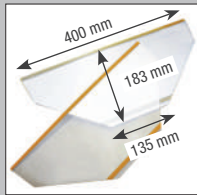
Ref. 080262-50

Easy to place self-adhesive protective cover. Packs of 10 units.

Dimensions	315 x 300 x 440 mm
Operating pressure	2 a 5 bars
Max. air consumption	80 l /min.
Voltage	230 V 50-60 Hz
Power	20 W
Weight	12,5 kg

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

Eclipse I sandblaster

Ref. 080221 1 Tank

NEW

Dimensions	330 x 360 x 450 mm
Operating pressure	2 a 5 atm.
Max. air consumption	80 l /min
Inside light	LED
Weight	5,7 kg

Eclipse II sandblaster

Ref. 080220 2 Tanks

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.

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.

Dimensions	330 x 360 x 450 mm
Operating pressure	2 a 5 atm.
Max. air consumption	80 l /min
Inside light	LED
Weight	5,7 kg

Eclipse T sandblaster

Ref. 080229

NEW

Same characteristics as **Eclipse II.**

With a large sand hopper and a 3 mm static gun.
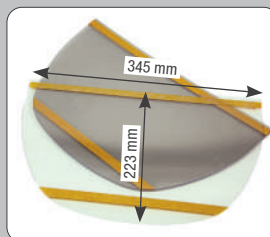
Ref. 080220-12

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

| Dimensions	490 x 360 x 450 mm
Operating pressure	2 a 5 atm.
Max. air consumption	100 l /min
Inside light	LED
Weight	7,7 kg

Eclipse II-T sandblaster
Ref. 080228

Same characteristics as **Eclipse II.**

With a large sand hopper and a 3 mm static gun.

345 mm

223 mm

Ref. 080220-12

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

Dimensions	490 x 360 x 450 mm
Operating pressure	2 a 5 atm.
Max. air consumption	100 l /min
Inside light	LED
Weight	7,7 kg

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 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.

Dimensions	430 x 320 x 310 mm
Operating pressure	2 a 5 atm.
Max. air consumption	90 l /min
Inside light	LED
Weight	5,5 kg

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

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.

Dimensions	390 x 470 x 410 mm	Voltage	230 V 50-60 Hz
Operating pressure	2 a 5 bars	Consumption	LED 6 W
Max. air consumption	100 l /min	Weight	10,5 kg

(L) 490 x (W) 460 x (H) 480 mm | 12 kg
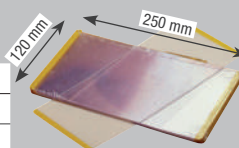
Ref. 080270-50

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

T1, T2, T3 sandblasters

T1 **Ref. 080270**   T2 **Ref. 080280**   T3 **Ref. 080290**

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.

T2 - Has a 1,25 mm mobile nozzle.
T3 - 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.
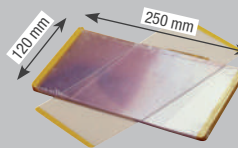
Ref. 080270-50

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

Sandblaster (no fixed nozzle)

T1 **Ref. 080269**   T2 **Ref. 080279**

Dimensions	345 x 435 x 360 mm	Voltage	230 V 50-60 Hz
Operating pressure	2 a 5 bars	Consumption	LED 6 W
Max. air consumption	100 l /min	Weight	9,5 kg

(L) 490 x (W) 460 x (H) 480 mm | 10,5 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.

285 mm
135 mm
190 mm
2 kg

(L) 430 x (W) 270 x (H) 270 mm | 3 kg

Microblasting unit (Laboratory)

Ref. 100122

Oxide	50/100 microns
Pressure	4 a 5,5 kgf/cm²

(L) 195 x (W) 110 x (H) 45 mm | 0,27 kg

Blasting, polishing and finishing

MESTRA

Aluminium oxide (4 kilos)

Ref. 080315 50 µm **Ref. 080316** 100 µm
Ref. 080317 150 µm **Ref. 080318** 250 µm

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)

Ref. 080312 50 µm

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.

Microchamber for automatic sandblasting of metallic structures

Ref. 050586

(L) 49 x Ø 33 mm | 0,01 kg

Ref. 050586-01
Three replacement upper caps for sandblasting microchamber.

Pressure air nozzle

Ref. 050220 (for tube Ø 8)	**Ref. 050221** (for tube Ø 6)	**Ref. 050223** (for tube Ø 6)	**Ref. 050222** (for tube Ø 4)
(L) 122 x Ø 25 mm 0,08 kg	(L) 105 x Ø 25 mm 0,08 kg	(L) 120 x Ø 25 mm 0,09 kg	(L) 120 x Ø 25 mm 0,09 kg

Work box

Ref. 060210

✓ Made of transparent injected plastic.
✓ Prevents losses of precious metal powder.
✓ Prevents eye accidents due to flying particles.
✓ Considerably reduces inhalation of harmful dust.

210 mm
230 mm
360 mm
1,5 kg
(L) 520 x (W) 300 x (H) 355 mm | 3 kg

 MESTRA

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.

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.
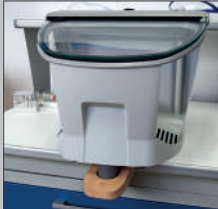
Docking coupling with Jeb type suction.

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

Height	300 mm	Depth	330 mm
Width	360 mm	Weight	2,6 kg

(L) 490 x (W) 460 x (H) 480 mm | 5,3 kg

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	Depth	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

NEW

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.

Height	275 mm	Depth	400 mm
Width	360 mm	Weight	2,8 kg

(L) 410 x (W) 370 x (H) 370 mm | 3,8 kg

Front

Back

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.

Voltage	230 V 50-60 Hz
Power (appr.)	800 W
Speed rpm	1500 / 3000 50 Hz 1800 / 3600 60 Hz
Suction power	500 m³ h.

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

500 mm
500 mm
800 mm
50 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.

Voltage	230 V 50-60 Hz
Power (appr.)	300 W
Suction power	500 m³ h.

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

500 mm
500 mm
800 mm
34 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.
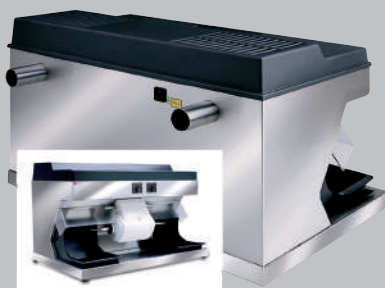
Box with suction for polishing (centralized)

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.

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

250 mm
300 mm
400 mm
4,6 kg

(L) 950 x (W) 600 x (H) 680 mm | 5,6 kg

Brushes not included.

Mini polisher (Variable speed)

Ref. 080164

ACCESSORIES:
Ref. 100277-01
Ref. 100277-02
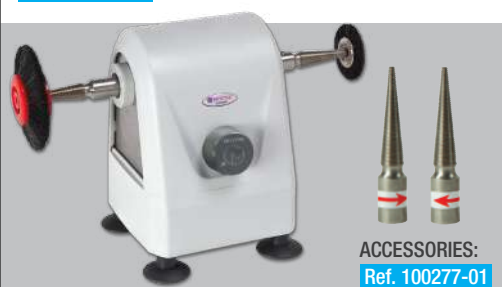
Brushes not included.

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

185 mm
175 mm
270 mm
2,6 kg

(L) 300 x (W) 300 x (H) 200 mm | 3,2 kg

Polishing Mini Box
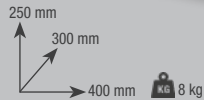### Ref. 080509

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

ACCESSORIES:
Ref. 080509-02
Ref. 080509-03

Voltage	230 V 50-60 Hz
Power	1.300 W
R.P.M.	3500-7000

250 mm
300 mm
400 mm   8 kg

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

Mini polisher (variable speed)
Ref. 100276

165 mm
150 mm
225 mm
6 kg

Voltage	230 V 50/60 Hz.
Power	1.300 W
R.P.M.	3.000-7.000 rpm
Height of shaft center line	120 mm
Overal shaft lenght	360 mm

Brushes not included.

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

Polishing lathe
Ref. 080162

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.

210 mm
225 mm
320 mm
12 kg

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

Brushes not included.

Optional

ACCESSORIES:
Ref. 080160-03
Ref. 080175
Ref. 080160-04

Polishing lathe
Ref. 080150 Single speed   Ref. 080160 Double speed

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.

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 kg

Ref. 080150

Ref. 080190

Ref. 080160

200 mm
160 mm
270 mm
7 kg
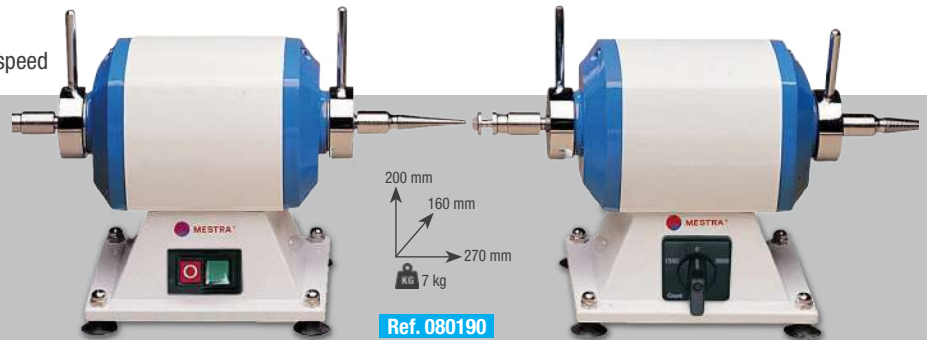
Optional

Shield for polisher (metal)
Ref. 080200

Light and splash protection with adjustable visor.
(L) 525 x (W) 295 x (H) 350 mm | 5,76 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 | 1,43 kg

Shield for polisher (rubber)
Ref. 080211

Blind. No hole for air suction hose.
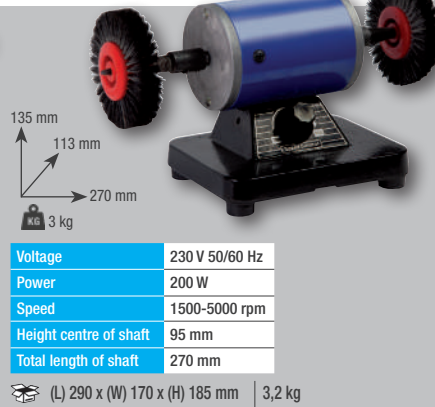(L) 300 x (W) 190 x (H) 270 mm | 1,43 kg

Ref. 080210
250 mm
270 mm
190 mm   1,2 kg

Ref. 080200
305 mm
300 mm
270 mm   4,3 kg

Ref. 080211
250 mm
270 mm
190 mm   1,2 kg

Polishing lathe **Import**
Ref. 100274

200 mm
140 mm
440 mm
7 kg

Voltage	220 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
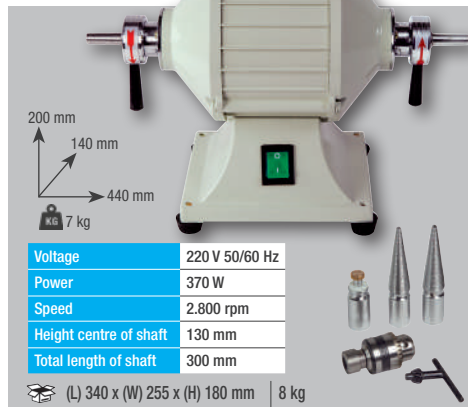
Variable speed mini polisher
Ref. 100277

135 mm
113 mm
270 mm
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 | 3,2 kg

High speed polisher
Ref. 100245

(Bushing) drill chuck
Ref. 100245-01

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

270 mm
360 mm
260 mm | 12 kg

(L) 520 x (W) 300 x (H) 360 mm | 12,4 kg
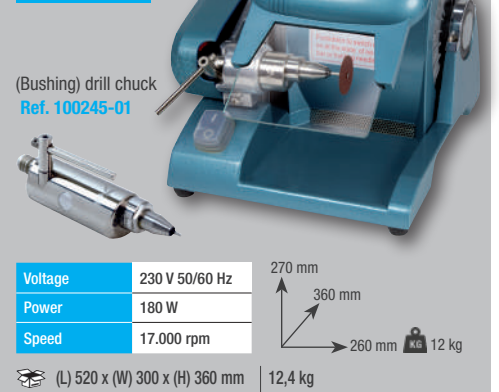
Brushes and fabric discs

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

Ref. 060482
Ref. 060480
Ref. 060430
Ref. 060410
Ref. 060420
Ref. 060470   Ref. 060460
Ref. 060408   Ref. 060440   Ref. 060450   Ref. 060452   Ref. 060475   Ref. 060476

Polishing paste (high shine)

DIALUX® BLEU
DIALUX
Ref. 104856

DIALUX® BLANC
DIALUX
Ref. 104854

DIALUX® VERT
DIALUX
Ref. 104852

33 mm
33 mm
100 mm

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

Ref. 060530	Hard disc (100 u.)
Ref. 060535	Soft disc (100 u.)

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

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

Electrolytic polisher
Ref. 080490

Inox

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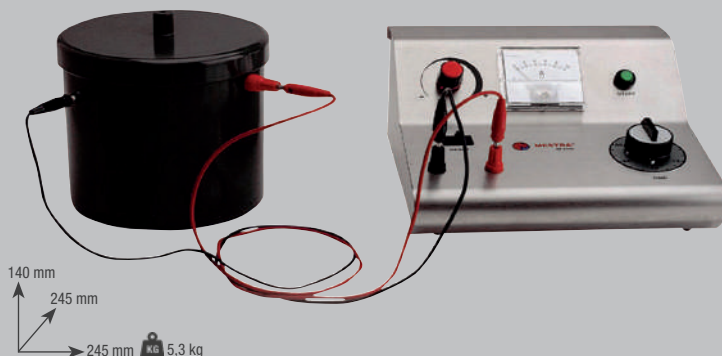
Voltage	230 V 50/60 Hz	Timer	0-30 Min.
Secondary voltage	16 V	Tank capacity	2 litres
Maximum current	10 V	Tank diameter + height	Ø 160 mm x 150 mm
Circuit breaker	10 V	Tank weight	1,2 kg

(L) 520 x (W) 300 x (H) 355 mm | 7,5 kg

140 mm
245 mm
245 mm · 5,3 kg

Solution for electrolytic bath
Ref. 130351 5 litres   Ref. 130350 1litres

NEW

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.

Ready for use. Suitable for any electrolytic polishing device.

Electrolytic polisher
Ref. 100291

Small size device. The tank can be removed, making it easier to clean.

The electronic control allows precise adjustment of time and maximum intensity.

It is also possible to memorise a polishing programme.

Dimensions	145 x 210 x 250 mm
Weight	1,9 kg
Voltage	100-240 V
Power	100 W

(L) 250 x (W) 220 x (H) 150 mm | 3,31 kg

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

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.

	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 kg | 23,5 kg

Steam machine

Moderate use

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.

NEW

Ref. 100196

NEW

Ref. 100195

	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	1.250 W	2.250 W
Pressure	4 bar	4 bar
Tank capacity	3,5 litres	5 litres

Static steam jet

Ref. 100192

NEW Inox

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.
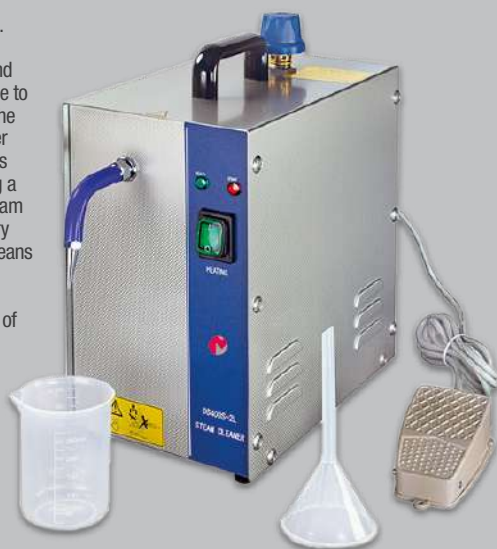
Height	300 mm no support 350 mm with support
Width	180 mm
Depth	285 mm 380 mm with tap
Weight	6,1 kg
Voltage	230V, 50 Hz
Power	1.300 W
Pressure	4 bar
Capacity	2 litres

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

Grating 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.
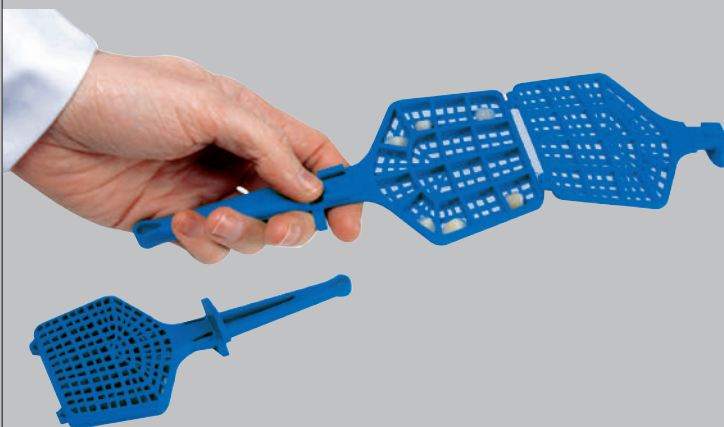
Length unfolded	280 mm
(L) 180 x (W) 80 x (H) 12 mm	0,05 kg

MESTRA

TITAN 8 steam cleaner
Ref. 100202

Professional use

Is the first option.
Distilled Water is loaded
directly into the boiler.

NEW

Dimensions	360 x 270 x 420 mm
Power	2200 W
Voltage	220 V, 50/60 Hz
Pressure	8 bar
Weight	12,5 kg
Boiler	3 L

TITAN AUTOFILL steam cleaner
Ref. 100203

It also has a pump to suck distilled water
from an external bottle.

NEW
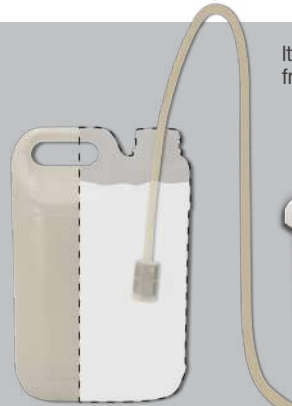
→ External bottle
not included.

✓ 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.

Dimensions	360 x 270 x 420 mm
Power	2200 W
Voltage	220 V, 50/60 Hz
Pressure	8 bar
Weight	12,5 kg
Boiler	3 L

TITAN PLUS steam cleaner
Ref. 100204

Professional use

Distilled
water tank

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.

NEW

Dimensions	380 x 370 x 450 mm
Power	2600 W
Voltage	220 V, 50/60 Hz
Pressure	4-8 bar
Weight	18 kg
Boiler	3 L
Auxiliary tank	2 L

Aditional 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.

✓ **With drain for cleaning the tank
  with citric acid (see instructions).**

Citric acid
Ref. 100210-01

Ref. 100202	Ref. 100203	Ref. 100204
✓ Manual filling.	✓ Manual filling.	✓ Manual filling.
	✓ Autofill without having to the plug to be released (external bottle).	✓ Autofill without previous cooling (integrated tank).
		✓ Direct water net connection.

MESTRA

Sense A7 - Induction
Ref. 100230

NEW

✓ Brushless motor.
✓ Manual or pedal speed control.
✓ Displayed speed.
✓ Right & Left turning ability.
✓ Overload protection function.
✓ Fault warning function.

Dimensions	185 x 175 x 128 mm
Weight	2,8 kg
Max. speed	55000 rpm
Torque	8.5 N·cm
Power	240 W
Voltage	200-240 V - 50/60 hz
Handpiece	Ø 20 x 162 mm
Weight handpiece	230 g

Ø 20 mm — 162 mm — Ø 28 mm

Sense A3 - Brushes
Ref. 100238 (white)

NEW

✓ Motor with brushes.
✓ Manual or pedal speed control.
✓ ON/OFF pedal.
✓ Displayed speed.
✓ Right & Left turning ability.
✓ Overload protection function.
✓ Fault warning function.

Ø 15 mm — 150 mm — Ø 28 mm

Dimensions	147 x 120 x 88 mm
Weight	1,15 kg
Max. speed	35000 rpm
Torque	3.0 N·cm
Power	70 W
Handpiece	Ø 15 x 150 mm
Weight handpiece	215 g

Also available in graphite color
(Ref. 100240)

MESTRA

Sense A6 - Induction

Ref. 100232 (white)

NEW

- ✓ 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.

Ø 15 mm — 150 mm — Ø 28 mm

Dimensions	246 x 162 x 102 mm
Weight	2,47 kg
Max. speed	55000 rpm
Torque	8.0 N·cm
Power	230 W
Voltage	200-240 V - 50/60 hz
Handpiece	Ø 15 x 150 mm
Weight handpiece	240 g

Also available in graphite color (Ref. 100234)

Prime 221 - Induction

Ref. 100236

NEW

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.

Ø 20 mm — 157 mm — Ø 16 mm

Dimensions	191 x 130 x 90 mm
Weight	2,8 kg
Max. speed	50000 rpm
Torque	5.8 N·cm
Power	120 W
Voltage	200-240 V - 50/60 hz
Handpiece	Ø 20 x 157 mm
Weight handpiece	205 g

MESTRA

Black Micromotor (brushless)

Ref. 100281

✓ Digital watch.
✓ 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.

Dimensions	182 x 96 x 207 mm
Weight	2,5 kg
Max. speed	50000 rpm
Torque	7.8 N·cm
Power	230 W
Voltage	220-240 V - 50/60 hz
Handpiece	Ø 29 x 171 mm
Weight handpiece	254 g

(L) 280 x (W) 280 x (H) 200 mm | 4,62 kg

Élite Micromotor (brushless)

Ref. 100285

NEW

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

Dimensions	182 x 91 x 205 mm
Weight	2,5 kg
Max. speed	50000 rpm
Torque	7.8 N·cm
Power	230 W
Voltage	230 V - 50/60 hz
Handpiece	Ø 24 x 149 mm
Weight handpiece	202 g

(L) 280 x (W) 275 x (H) 200 mm | 4,65 kg

Knee Micromotor (brushless)

Ref. 100278S

✓ Brushless micromotor with foot or knee control.
✓ Right & Left turning ability.
✓ For Ø 2.35 mm burs.
✓ Automatic speed maintenance function.
✓ Overload protection and self-diagnosis.

Dimensions	230 x 95 x 270 mm
Weight	5,5 kg
Max. speed	50000 rpm
Torque	7.8 N·cm
Power	230 W
Voltage	220-240 V - 50/60 hz
Handpiece	Ø 29 x 171 mm
Weight handpiece	254 g

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

MESTRA

Micromotor (brush)
Ref. 100283

Occasional use,
not recommended
for metals.

Dimensions	113 x 130 x 190 mm	Power	80 W
Weight	1,7 kg	Voltage	110-230 V - 50/60 hz
Max. speed	45000 rpm	Handpiece	Ø 30 x 155 mm
Torque	4.0 N·cm	Weight Handpiece	238 g

Micromotor (brush)
Ref. 100284

Occasional use,
not recommended
for metals.

Dimensions	130 x 80 x 160 mm	Power	45 W
Weight	2,3 kg	Voltage	110-230 V - 50/60 hz
Max. speed	40000 rpm	Handpiece	Ø27 x 157 mm
Torque	2.94 N·cm	Weight Handpiece	215 g

Micromotors
(brush)

Ref. 120100

Ref. 120110

	120100	120110
Dimensions	125 x 80 x 160 mm	125 x 80 x 160 mm
Weight	1,7 kg	1,7 kg
Max. speed	35000 rpm	35000 rpm
Torque	2,75 N·cm	2,75 N·cm
Power	45 W	45 W
Voltage	110-230 V - 50/60 hz	110-230 V - 50/60 hz
Handpiece	Ø 30 x 160 mm	Ø 27 x 170 mm
Weight handpiece	247 g	267 g

(L) 265 x (W) 235 x (H) 90 mm | 2,5 kg

Ocasional use,
not recommended for metals

Portable micromotors
(10 h autonomy)

Ref. 100279
(brush)

Ref. 100282
(brushless) intramátic

	100279	100282
Dimensions	45 x 45 x 105 mm	45 x 45 x 105 mm
Weight	4,32 kg	4,32 kg
Max. speed	30000 rpm	30000 rpm
Torque	2,45 N·cm	2,45 N·cm
Power	30 W	30 W
Voltage	100-240 V - 50/60 hz	100-240 V - 50/60 hz
Handpiece	Ø 20 x 135 mm	Ø 20 x 155 mm
Weight handpiece	175 g	175 g

(L) 210 x (W) 193 x (H) 73 mm | 1,1 kg

Ocasional use, not recommended for metals

Polishing discs and burs for zirconia

NEW

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

They are autoclavable at 135ºC (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 POLISING

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
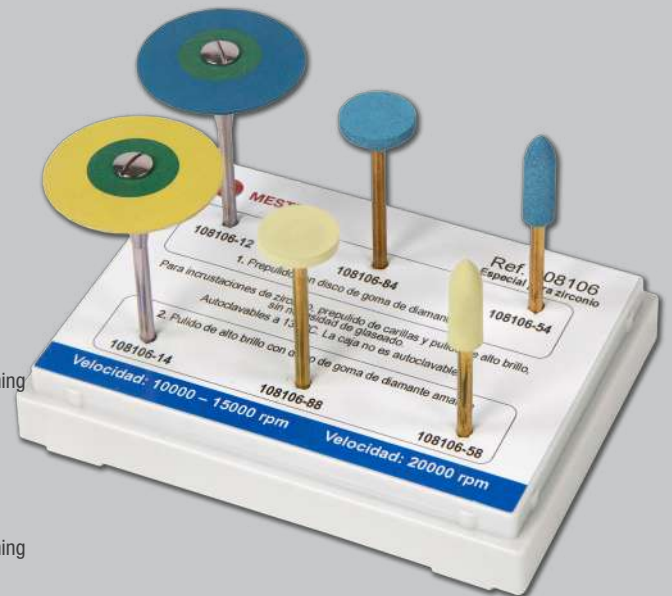
3-STEP KIT Ref. 108306
FINE GRINDING, PRE-POLISHING AND FINE POLISHING

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
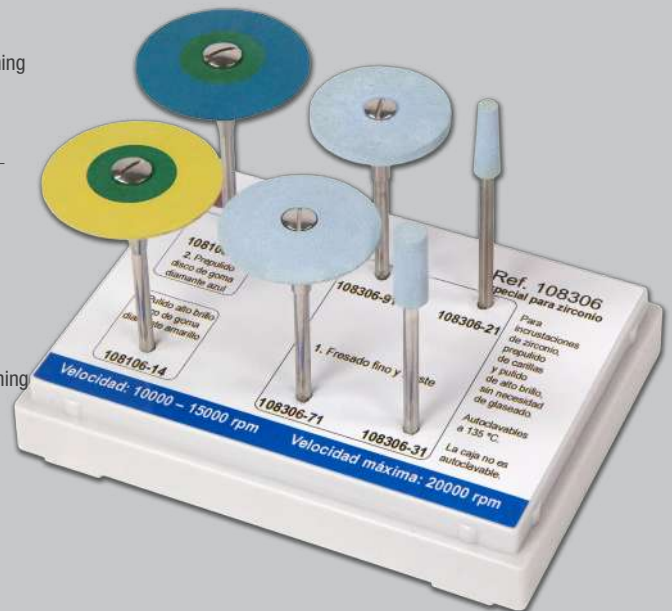
Optional burs
Pre-polishing, fine grinding and adjusting

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 (W) 10 mm | 0,004 kg

Silicone burs

107147C 107147B 107147R 107137C

107162 107010 107011 107013 107013S 107028
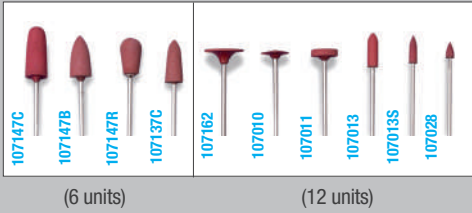
(6 units) (12 units)

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

107157GA 107157GC 107157GH 107147GB 107147GC 107147GR 107127GC

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

1076030I 1076030Z 1076030З 1076030₄

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

107157WC 107147WB 107137WC

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

1076091 1076093 1076097 1076099
1076090 1076092 1076096 1076098
1076090E 1076092E 1076096E 1076098E

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

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

Polishing pads

1074119 1074120 1074121 1074118

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)

2 9 10 11 13 17 19 20 21 28 29 30 32
33 35 36 37 38 40 42 43 44 45 50 52 53 60
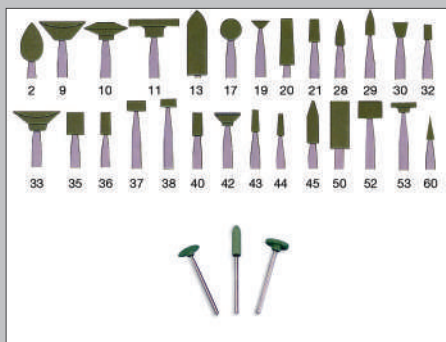
Green. Long-lasting and highly resistant.
Made from silicon carbide. Particularly suitable for porcelain finishes, composites, and gold and silver alloys.

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

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

2 9 10 11 20 42 43 50

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

10 11 20 35 42 50

11 20 28 43 42 50

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.

Replacement parts

R-104000-D1	D1- Ø 1
R-104000-D2	D2- Ø 2
R-104000-D3	D3- Ø 3
R-104000-D4	D4- Ø 4
R-104000-K5	K5- Ø 2×1.5
R-104000-10B	10B- Ø 2.7×1
R-104000-12B	12B- Ø 4×1.5
R-104000-K7	K7- Ø 2.7×1.5
R-104000-13B	13B- Ø 5×2
R-104000-K6	K6- Ø 2×5
R-104000-K10	K10- Ø 2.5×7
R-104000-1R	1R- Ø 1.5×10
R-104000-1LR	1LR- Ø 1.5×10
R-104000-2R	2R- Ø 2×12
R-104000-2LR	2LR- Ø 2.5×12
R-104000-3R	3R- Ø 3×12
R-104000-T11	T11- Ø 1×4
R-104000-TR	TR- Ø 1.5×8
R-104000-T12	T12- Ø 1.5×4
R-104000-2LA	2LA- Ø 2.5×12
R-104000-KS	KS- Ø 3.5×6
R-104000-RZ	RZ- Ø 4×6
R-104000-C3	C3- Ø 0.9×4
R-104000-C13	C13- Ø 1.5×10
R-104000-C23	C23- Ø 2×10
R-104000-17X	17X- Ø 4×0.8
R-104000-18X	18X- Ø 6×1
R-104000-K25	K25- Ø 4×0.4
R-104000-K45	K45- Ø 10×0.5
R-104000-K35	K35- Ø 6× 0.5

(L) 145 x (W) 61 x (H) 20 mm | 0,15 kg

Set of 10 burs (diamond)

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.

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

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

Abrasive disks (100 units boxes)

1 — Ø 22 x 0,25 mm
2 — Ø 22 x 0,25 mm
3 — Ø 25 x 0,35 mm
4 — Ø 25 x 0,6 mm
5 — Ø 38 x 0,6 mm
6 — Ø 25 x 0,6 mm
7 — Ø 38 x 0,6 mm
8 — Ø 25 x 3 mm
9 — Ø 38 x 1 mm
10 — Ø 31,8 x 1,6 mm
11 — Ø 31,8 x 2 mm
12 — Ø 25 x 1 mm
13 — Ø 31,8 x 1 mm
14 — Ø 38 x 1 mm
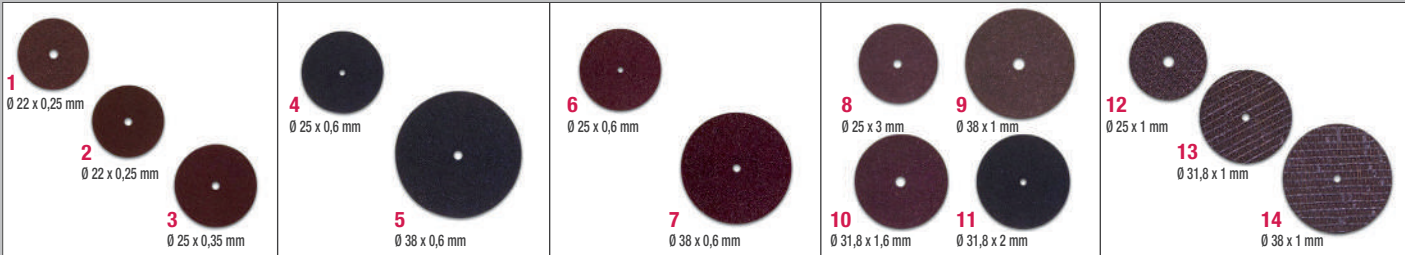
ULTRAFINE DISKS

1- Ref. 105012 (metal)
Metal Ø 22 x 0,25 mm (100 u.)

2- Ref. 105020 (cerámica)
Ceramic Ø 22 x 0,25 mm (100 u.)

3- Ref. 105040 (metal)
Separating metal Ø 25 x 0,35 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

STANDARD CUTTING DISKS

4- Ref. 105050
Black Ø 25 x 0,6 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

5- Ref. 105051
Black 38 ø x 0,6 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,17 kg

SPEEDY DISKS

6- Ref. 105060
25 ø x 0,6 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

7- Ref. 105061
38 ø x 0,6 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,17 kg

GRINDING WHEELS

8- Ref. 105070
25 ø x 3 mm (100 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

9- Ref. 105071
38 ø x 1 mm (100 u.)

10- Ref. 105073
31,8 ø x 1,6 mm (100 u.)

11- Ref. 105074
31,8 ø x 2 mm (100 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,17 kg

DISKS WITH FIBERGLASS

12 Ref. 105080
25 ø x 1 mm (50 u.)

(L) 78 x (W) 34 x (H) 30 mm | 0,037 kg

13 Ref. 105081
31,8 ø x 1 mm (50 u.)

14 Ref. 105082
38 ø x 1 mm (50 u.)

(L) 90 x (W) 44 x (H) 41 mm | 0,17 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

7 mm — Ø 2.35 mm — 304-8
5 mm — Ø 3 mm — Ø 2.35 mm — 304
5 mm — Ø 2.35 mm — 303
Ø 2.35 mm — 302
5 mm — Ø 2.35 mm — 303-S

(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°.

640 mm
665 mm
425 mm
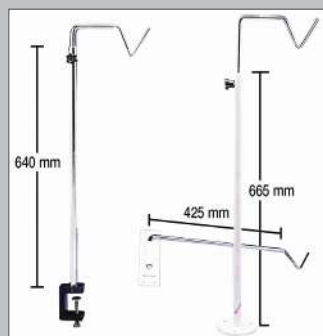
(L) 870 x (W) 270 x (H) 260 mm | 3,5 kg

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

Eolo Induction aspiration unit
Ref. 080533

NEW

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.

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.

Dimensions	585 x 210 x 500 mm
Weight	17 kg
Power	750 W
Noise	65 dB

(L) 550 x (W) 320 x (H) 620 mm | 20 kg

Ciclon 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 Widthring elements especially adapted to EOLO aspirations, with which it makes up a high performance compact unit.

CICLON 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

Suction and compression
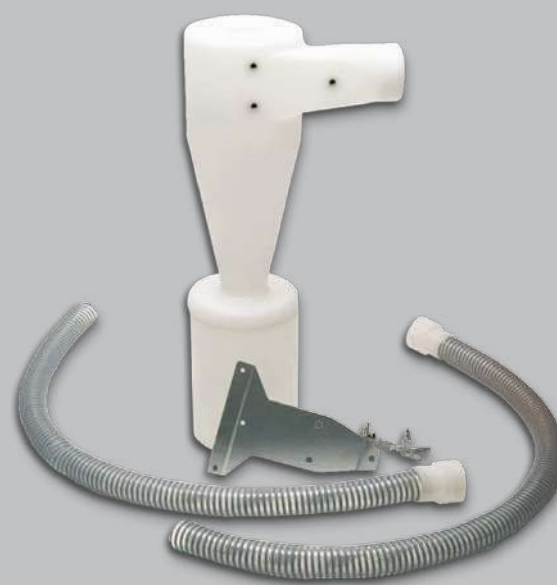
Sirocco suction units

NEW

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

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

Ref. 080534AT

Clinic finishing box
Ref. 080534C

230 mm
290 mm
290 mm 2,4 kg

Laboratory finishing box
Ref. 080534L

230 mm
400 mm
345 mm 2,4 kg

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

Ref. 080534AC

Large finishing box
Ref. 080212

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.

✓ 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

Ref. 080534AL

542 mm
336 mm
500 mm
4,9 kg

MESTRA

Sirocco M and L

Ref. 080536 - **Ref. 080537**

NEW

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	

Gemini aspiration unit
Ref. 080539

*Unsuitable for micro-motors.

Voltage	230 V
Power	1200 W (2 etapas)
Noise	68 dB
Capacity	36 l
Potentiometer	650-1200 W
Detection from	100 W
Aspiration	Solids and liquids

633 mm
433 mm
406 mm   10,4 kg

(L) 480 x (W) 450 x (H) 710 mm | 14 kg

Gemini mini aspiration unit
Ref. 080538

*Unsuitable for micro-motors.

For use in locations
with reduced space.

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

390 mm
350 mm
350 mm   10,4 kg

(L) 370 x (W) 360 x (H) 530 mm | 7,3 kg

Dry piston compressors

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.

NOT SUITABLE FOR MILLING MACHINES.

Ref. 110300
80 l/min

Ref. 110310
80 l/min (with dryer)

Ref. 110330
160 l/min
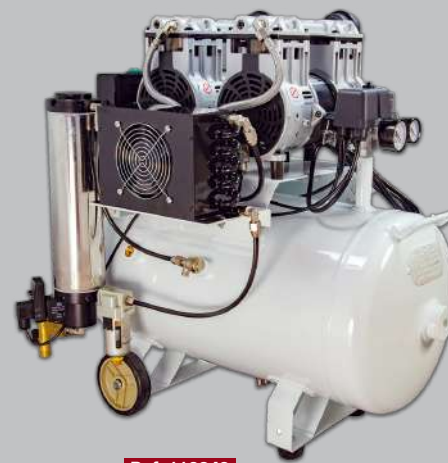
Ref. 110340
160 l/min (with dryer)

**CERTIFICATE by TÜV SÜD Type certificate
Nº 12202200491258001**
Directiva 2014/29/UE (pressure vessels)
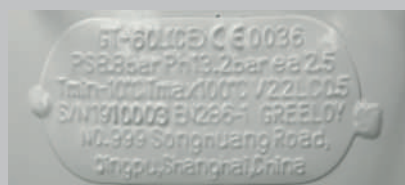
How do I know if my compressor complies with the European safety regulations?

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   **2**

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 compresors.

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
Depth	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
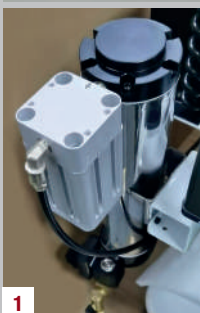
Air purifiers

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 highperformance 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 30-35 m²
Réf. 100512

Purifier 25 m²
Ref. 100510

Purifier 60-70 m²
Ref. 100514

Reference	100510	100512	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 m³/h	280 m³/h	560 m³/h
Recommended purification area	25 m²	30-35 m²	60-70 m²
3-level filtration (HEPA, activated carbon, catalytic)	Yes	Yes	Yes
UV cleaning + Ionization	Yes	Yes	Yes
UV lamp frecuency	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	Yes

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.

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
Tension	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.

Height	250 mm
Depth	570 mm
Width	335 mm
Weight	2,7 kg
Power supply	230 V / 50 Hz
Power	1.000 W
Tank	5 l.
Spray volume	470 ml/minute
Droplet size	Adjustable: 100 - 150 µm
Effective range	Adjustable: 3-8 m.

Regulable droplet size

MESTRA

Calypso 4l. 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.
✓ Cleaner tweezers (Ref. 070520)

Height	220 mm
Width	425 mm
Depth	270 mm
Weight	4,5 kg
Tank capacity	4 l
Voltage	230 V - 50/60 Hz
Transducter power	100 W
Frecuency	40 khz

(L) 420 x (W) 360 x (H) 300 mm | 9 kg

Ref. 080422-26
Long basket (not included, optional)

94 mm
110 mm
245 mm
0,76 kg
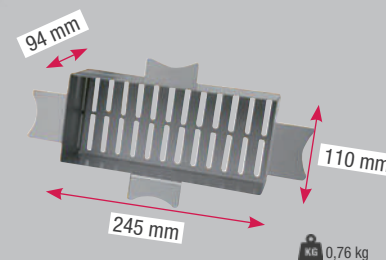
Ultrasonic bath: 5,8l - 3,4l - 2,8l

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 80ºC. Suitable for cleaning 3D printed models with resin.

Inox

NEW

Ref. 100151 - 3,4 L
Inner dimensions:
Height 100 mm
Width 298 mm
Depth 152 mm

Ref. 100150 - 2,8 L
Inner dimensions
Height 100 mm
Width 238 mm
Depth 140 mm

Ref. 100152 - 5,8 L
Inner dimensions:
Height 155 mm
Width 298 mm
Depth 152 mm

Reference	Ref. 100152	Ref. 100151	Ref. 100150
Height	290 mm	290 mm	245 mm
Width	365 mm	365 mm	300 mm
Depth	180 mm	165 mm	165 mm
Weight	5,400 kg	5,2 kg	3,980 kg
Tank capacity	5.800 ml.	3,4 l	2,800 ml.
Tension	230 V 50/60 Hz	220-240 V, 50/60 Hz	230 V 50/60 Hz
Power Ultr.	180 W	180 W	120 W
Heating power	200 W	200 W	100 W
Frecuency	40 Khz	40 kHz	40 Khz

Cleaning and disinfection

MESTRA

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	230 V 50/60 Hz
Power	80 W
Capacity	2500 ml
Frecuency	35 khz

(L) 360 x (W) 275 x (H) 240 mm | 3,5 kg

204 mm / 243 mm / 314 mm / 3 kg

Ultrasonic bath 3 l.
Ref. 100142

NEW

Includes plastic protective basket and drain hose.

234 mm / 193 mm / 385 mm / 3,6 kg

For cleaning small objects in the laboratory and dental practice. With detachable cable, drain valve and hose.

Voltage	220-240 V	Capacity	3000 ml
Power	150 W	Frecuency	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
Frecuency	42 khz

(L) 430 x (W) 270 x (H) 270 mm | 2,5 kg

162 mm / 240 mm / 225 mm / 1,94 kg
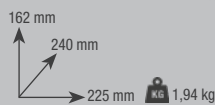
Ultrasonic bath
Ref. 100144 (mini)

120 mm / 178 mm / 120 mm / 0,70 kg

Voltage	230 V 50/60 Hz	Capacity	140 ml
Power	21 W	Frecuency	42 khz

Ultrasonic bath
Ref. 100160
(for denture cleaning)

75 mm / 85 mm / 90 mm / 0,18 kg

Power	2 batteries AA (not included)

Ultrasonic cleaning device
Ref. 100162

NEW

Ultrasonic cleaning device for dental elements, with a UV lamp that is used to disinfect during cleaning.

Its small dimensions make it suitable for home environments and travel. It also has a digital timer.

Tank	Ø 87*38 mm
Frequency	42 kHz
Voltage	220 50/60 Hz
Capacity	180 ml
Timer	5/10 min
Power	28 W

122 mm / 104 mm / 122 mm / 395 g
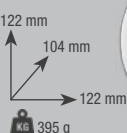
Distiller / Decalcifier
Ref. 100210

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 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.

Ref. 100210-01
Distiller cleaner refill (500 g.)

Ref. 100210-02
Spare still filters (6 u.)

365 mm / 280 mm / 250 mm / 3,5 kg

Voltage	230 V 50/60 Hz
Power	580 W
Capacity	4 l.

(L) 285 x (W) 285 x (H) 400 mm | 5 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 rank, it must be properly cleaned and sterilized.

Do not use detergents containing hydrochloric acid, hypochlorous acid, etc.

✓ Work pressure: 5 bar
✓ Conection: Ø 6 mm pipe.
✓ Made of stainless steel.
✓ With a pressure regulator and a double safety valve.

Height	680 mm
Width with pressure regulator	255 mm
Diameter	225 mm
Weight	4,700 kg
Capacity	18 litres

79

Automatic bag sealer
Ref. 080435

✓ 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

Sealing speed	10 m/minutes
Temperature	60-220°C
Sealing pressure	86 N
Power	500 W
Dimensions	635 x 240 x 200 mm
Weight	17 kg

Réf. 080436
Optional roller

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

Coils not included
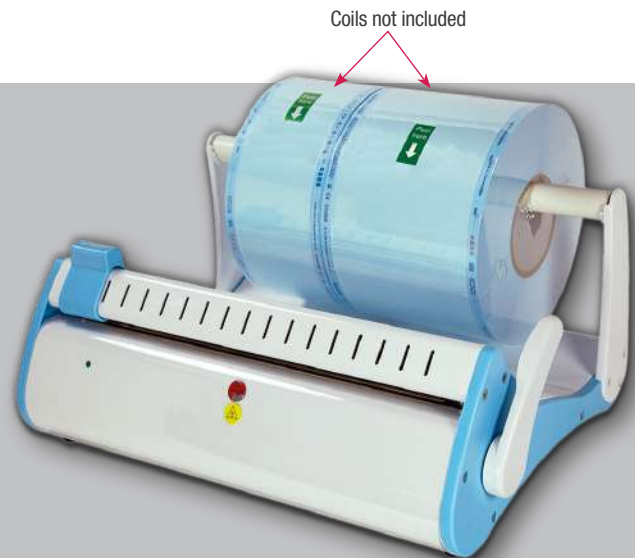
Sterilization rolls

Ref. 080447
Ref. 080446
Ref. 080445
Ref. 080444
Ref. 080443
Ref. 080441
Ref. 080442

Ref. 080441	5 cm x 200 m	Ref. 080445	20 cm x 200 m
Ref. 080442	7.5 cm x 200 m	Ref. 080446	25 cm x 200 m
Ref. 080443	10 cm x 200 m	Ref. 080447	30 cm x 200 m
Ref. 080444	15 cm x 200 m		

Class I medical device (MDR 2017/745)
Conforming to standards ISO 11607-1:201 and EN 868-5:2009

Self-sealing sterilization pouch

NEW

New bags 5 × 9 cm
The smallest on the market!
200 units per package.

Ref. 080448	5 x 24 cm	Ref. 080454	19 x 36 cm
Ref. 080449	7 x 26 cm	Ref. 080456	25 x 40 cm
Ref. 080450	9 x 26 cm	Ref. 080457	30 x 40 cm
Ref. 080451	5 x 9 cm	Ref. 080458	30 x 45 cm
Ref. 080452	14 x 28 cm	Ref. 080459	5.7 x13 cm

Class I medical device (MDR 2017/745)
Conforming to standards ISO 11607-1:201 and EN 868-5:2009

MESTRA

Tables for 1 and 2 workstations
Made in Spain

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**), 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
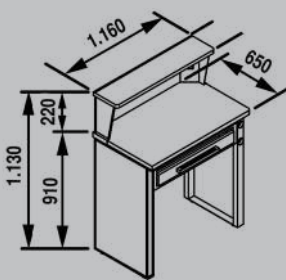
Reference	100303	100304
Height	910 mm	910 mm
Width	1160 mm	1760 mm
Depth	650 mm	650 mm
Weight	55 kg	80 kg
Conection	220 V	220 V
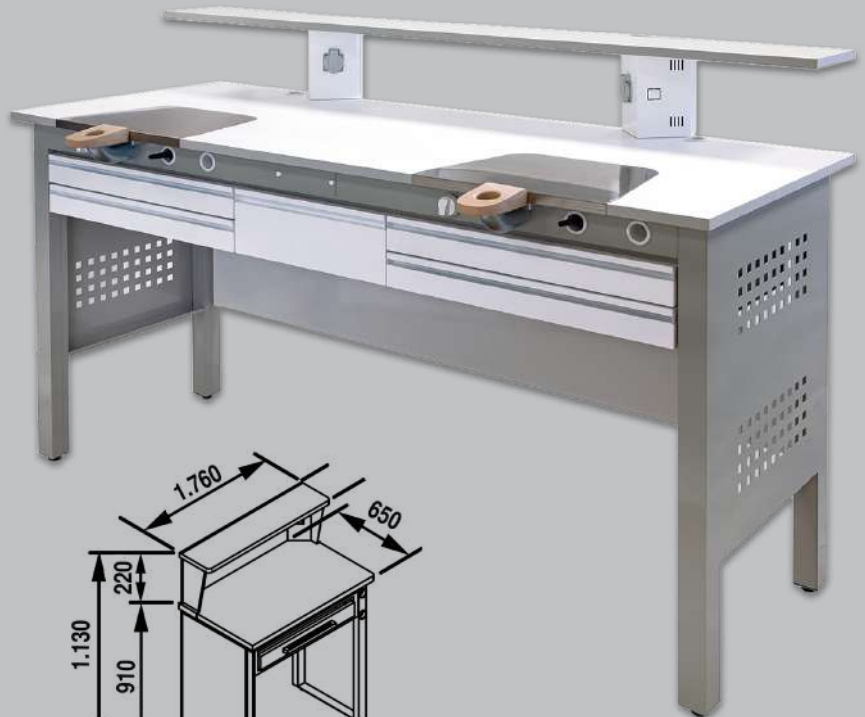
Ref. 100304

(L) 720 x (W) 520 x (H) 1940 mm │ 96 kg

81
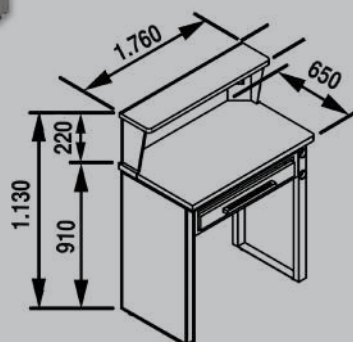
(Kit) Finishing table - Made in Spain
Ref. 100301 K2

✓ Metal table, wood worktop.
✓ Chair for workstation.
✓ Poloshing 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 kg

Finishing table - Made in Spain
Ref. 100301

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.

1. 100301-04 Aspiration peg.
2. 100301-05 Peg support.
3. 100301-02 Metal tube.
4. 080530-04 Flexible tube (1 m.)
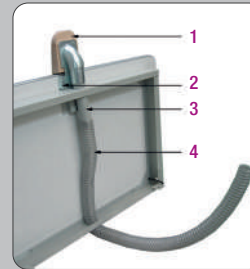
(L) 900 x (W) 600 x (H) 660 mm | 46 kg

Work chairs

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 heigh	460 mm	420 mm
Seat depth	450 mm	450 mm
Seat width	460 mm	460 mm
Weight	9 kg	8 kg

With wheels
Ref. 100298

NEW

Without wheels
Ref. 100297

1 lifting movement

Wheels with safety brake (EN 1335-2:2009)

With feetrest.

Work chair
Ref. 100299

NEW

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.

Max. seat height	515 mm
Min. seat height	390 mm
Seat depth	420 mm
Seat width	420 mm
Weight	9 kg

Wheels with safety brake (EN 1335-2:2009)

(L) 610 x (W) 610 x (H) 325 mm | 10,5 kg

MESTRA

2 wheel trolley
Ref. 100451

NEW

- ✓ Made of stainless steel.
- ✓ Removable tray (495 x 345 mm)

885-1340 mm
550 mm
495 mm
4,5 kg

5 wheel trolley
Ref. 100452

NEW

- ✓ Made of stainless steel.
- ✓ Removable tray (495 x 345 mm)

785-1220 mm
550 mm
495 mm
4,5 kg

Scanner trolley
Ref. 100450

NEW

875 mm
465 mm (tray)
550 mm (wheels)
600 mm
19 kg
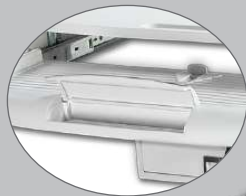
Electric mobile trolley
Ref. 100305

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.

760 mm
290 mm
400 mm   12,5 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.

740 mm
360 mm
460 mm   20 kg
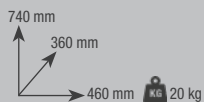
(L) 575 x (W) 560 x (H) 845 mm   25,5 kg

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

760 mm
300 mm
460 mm   11 kg
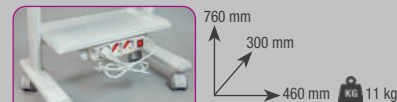
(L) 430 x (W) 520 x (H) 860 mm   12 kg

Electric mobile trolley
Ref. 100309

NEW

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
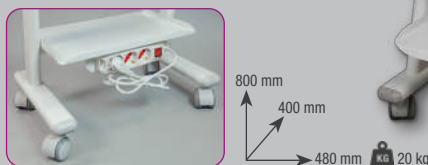
(L) 480 x (W) 540 x (H) 840 mm   21 kg

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

765 mm
340 mm
400 mm   15 kg
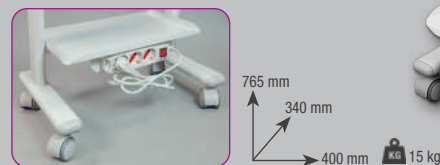
(L) 430 x (W) 520 x (H) 860 mm   16 kg

LED lamp (articulated arm)
Ref. 100288
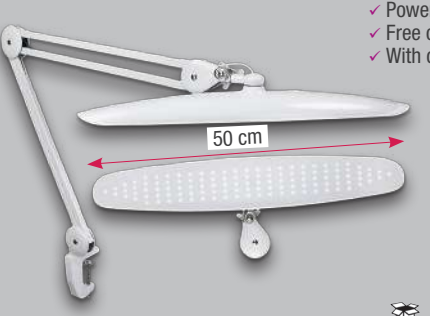
- ✓ 84 large LEDs.
- ✓ Color temperature 6000 - 7000 K
- ✓ Power consumption 2 to 21W
- ✓ Touch-adjustable light intensity.
- ✓ Free of Flicker effect.
- ✓ With clamp for fastening to the table.
- ✓ Highly resistant articulated arm.

58 cm

(L) 760 x (W) 285 x (H) 120 mm | 2,9 kg

LED lamp (articulated arm)
Ref. 100290

- ✓ 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.

50 cm

(L) 680 x (W) 220 x (H) 130 mm | 2,6 kg

LED lamp (articulated arm)
Ref. 100289

NEW

- ✓ 90 large LEDs.
- ✓ Color temperature 6000 - 7000 K
- ✓ Touch-adjustable light intensity.
- ✓ With clamp for fastening to the table.

45 cm

(L) 555 x (W) 420 x (H) 75 mm | 2,9 kg

Magnifying glass with LED lamp
Ref. 100287 (3 diopter lens) **Ref. 100287-5x** (5 diopter lens)
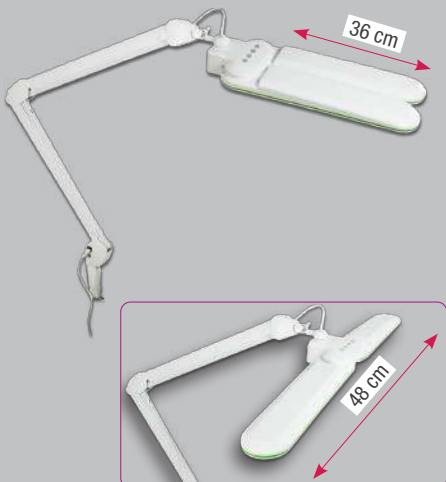
- ✓ 90 white LEDs.
- ✓ 3 - 5 diopter lens.
- ✓ Ø 190 mm lens.
- ✓ Clamp to fix it to the table.

(L) 540 x (W) 255 x (H) 110 mm | 3 kg

LED lamp (flexible arm)
Ref. 100289V

NEW

36 cm

Cold light - 1 row

Neutral light - 2 rows

Warm light - 1 row

48 cm

- ✓ 180 LEDs
- ✓ Temperature color 6500 - 200 K
- ✓ Energy consumed 30 W
- ✓ 3 types of light: cold, neutral and warm.
- ✓ Tactile adjustable light intensity.
- ✓ Flicker-free.
- ✓ With table clamp.

LED lamp (flexible arm)
Ref. 100286

(L) 535 x (W) 380 x (H) 175 mm | 1,9 kg

Working lamps
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

Accessories for lamps and magnifying glass
Ref. 100287 - 100287-5X - 100288 - 100290

NEW

Ref. 100288-10
(Lamp base)

Ref. 100288-02
(Clamp support)

Ref. 100288-03
(Wall bracket)

Ref. 100288-04
(Screwable table support)

25 cm

Ref. 100288-07
(Desktop stand)
5,7 kg

MESTRA

Scanner Magic Eye
Ref. 150100

MESTRA® by CEDU.3D

Magic Eye 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 seg. bite scan 9 seg. lower/upper jaw scan
Weight	5 kg (no power supply and accessories)
Camera resolution	2 x 1,3 MP
Room temperature	10 - 30oC
Power supply	230 V 24 VDC
Output format	STL
Light source	Azul

I scan very fast.

High accuracy.

High resolution scan.

Accessories included with the scanner

Accessories	Model	Purpose	Accessories	Model	Purpose
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.			
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.

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 330 €,** taught by ExoDesign Dental. Throughout the start-up process, you will be accompanied by one of our official distributors

Scanner trolley
Ref. 100450

NEW

875 mm
465 mm (tray)
550 mm (wheels)
600 mm
-- kg

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.
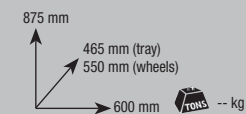
European Directives

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.

Curing light Sun Beam 3D+
Ref. 150121

The UV device emits constant, concentrated and uniform ultraviolet light, to quickly cure prints made with photopolymer resins.

The subsequent curing process increases the hardness and strength of the printed products.

Height	250 mm
Width	300 mm
Depth	300 mm
Weight	6 kg
Wavelength	LED 400 - 405 nm
Useful dimensions	Ø260 x 140 mm

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

Anodizing unit
Ref. 100295

NEW

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 and wear resistance.
✓ Better adhesion and surface finish.
✓ Less release of metal ions.
✓ It works with a solution of water (600 ml) and sodium bicarbonate (20 g).
✓ Anodizing time: 5 seconds.

Appearance:
The anodic layer can be colored with different shades. This advantage is especially interesting when the anodised element serves as a support for a translucent material such as zirconium or for bars on implants.

Depending on the voltage, different shades will be obtained. For example, at 60 V you get an attractive golden shade and at 75 V you get a pink shade.

The colouring process takes only 5 seconds.

Dimensions	207 x 245 x 160 mm
Weight	2,73 kg
Voltage	10~80 V
Power	100 W
Power supply	AC220~240 V, 50/60 Hz

Explanatory video

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.

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

MESTRA

Light-curing resin for 3D printing for the dental sector

NEW

Premium Model
Ref. 143001

The resin is a perfect balance between hardness, definition and a unique color with which to observe the anatomy of the teeth impeccably.

Characteristics:
- ✓ High printing speed
- ✓ Perfect color to observe anatomies
- ✓ High temperature resistance
- ✓ Compatible with separators
- ✓ High hardness and bending resistance
- ✓ Homogeneous and low viscosity formula that prevents overheating and facilitates printing.

Resin parameters	Value	Unit
Wavelength	405	nm
Hardness (D)	85	/
Viscosity (20ºC)	130	mPa·s
Liquid density	1.1	g/cm³
Solid density	1.2	g/cm³
Flexural strength	60-70	MPa
Elongation resistance	35-50	MPa

Premium Ivory
Ref. 143011

With an A1 color it is perfect to print restorations and do fit or aesthetic checks in an economical way or print your cores so that the background color does not distort the color of your veneers.

Characteristics:
- ✓ Color A1 – Not Biocompatible
- ✓ Great definition in connections and crown necks.
- ✓ High hardness and bending resistance
- ✓ Perfect for cosmetic testing, fitting or realistic geller parts.
- ✓ Homogeneous and low viscosity formula that prevents overheating and facilitates printing.

Resin parameters	Value	Unit
Wavelength	405	nm
Hardness (A)	85	/
Viscosity (20ºC)	130	mPa·s
Liquid density	1.1	g/cm³
Solid density	1.2	g/cm³
Flexural strength	60-70	MPa
Elongation resistance	35-50	MPa

Premium Gingiva
Ref. 143021

With a pink color and elasticity similar to mucous membranes, it is the perfect resin for printing flexible removable gum.

Characteristics:
- ✓ Gum color – Not Biocompatible
- ✓ Perfect balance between elasticity and resistance.
- ✓ Dimensional stability.
- ✓ Homogeneous and low viscosity formula that prevents overheating and facilitates printing.

Resin parameters	Value	Unit
Wavelength	405	nm
Hardness (A)	40	/
Viscosity (25ºC)	200	mPa·s
Liquid density	1.01	g/cm³
Solid density	1.07	g/cm³
Elongation resistance	5	MPa
Elongation at break	245	%

MANUFACTURED IN SPAIN

Premium Ivory
Premium Gingiva
Premium Model

PARAMETERISED PRINTERS:
- ✓ Creality
- ✓ Phrozen
- ✓ Elegoo
- ✓ Anycubic

SUPPORTED PRINTERS:
- ✓ Creality
- ✓ Peopoly
- ✓ Elegoo
- ✓ Zortrax
- ✓ Phrozen
- ✓ Wanhao
- ✓ Anycubic
- ✓ Shinning 3D
- ✓ Prusa
- ✓ XYZPrinting
- ✓ Uniz

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