



**MESTRA**

# **LABORATORY**

# **Catálogo**

**2  
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6**

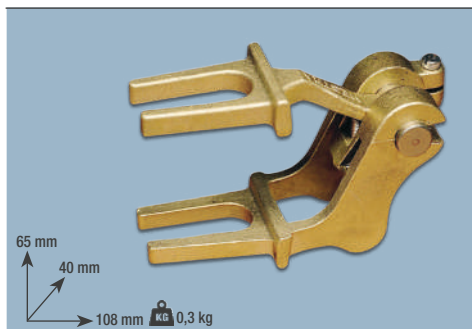


[www.mestra.es/en](http://www.mestra.es/en)

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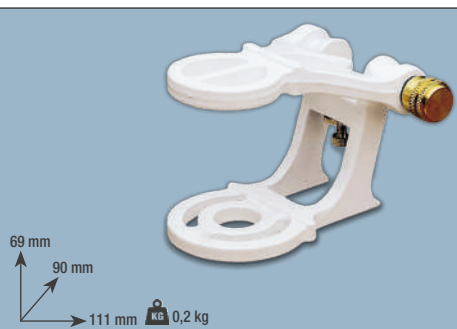
# Articulators



**Articulator** (hinged; for complete dentures)

**Ref. 010010**

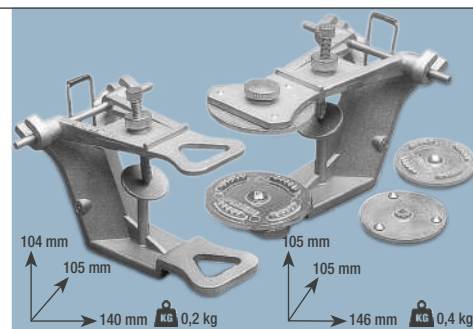
Hinged articulator with stainless steel adjustment axle and adjustment screw. Made of high quality brass. Adjustable by means of a screw.



**Articulator** (cone articulator)

**Ref. 010020**

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

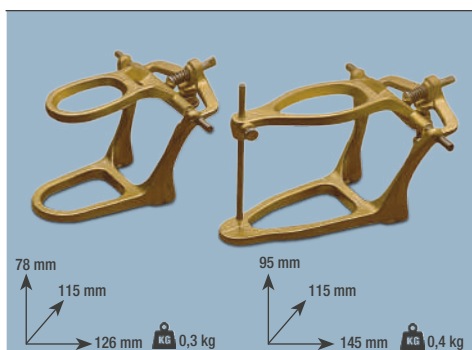


**Articulator** (functional movement articulator)

**Ref. 010030**

**Ref. 010032** (with trays)

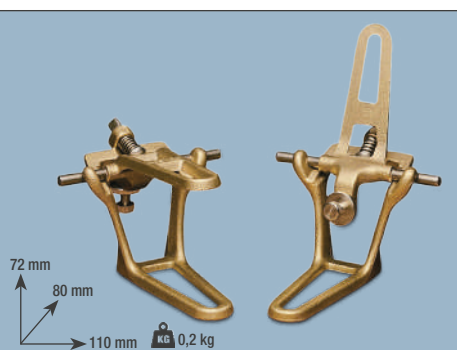
It is made in light alloy and combines perfectly weight and endurance. It accurately reproduces jaw movement thanks to its central spring and the lean of the supports.



**Functional articulator**

**Ref. 010040** (2 points) **Ref. 010050** (3 points)

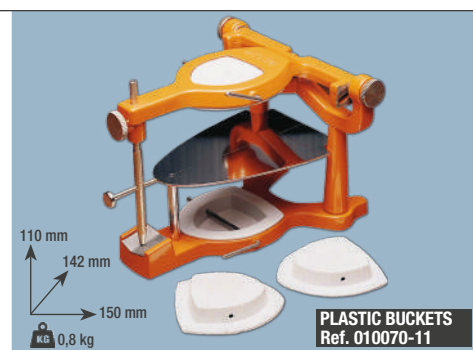
Made of brass and stainless steel. With lateral movements.



**Functional articulator**

**Ref. 010060** (2 point for bridges)

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



**Articulator for balanced prosthesis**

(balanced) **Ref. 010070**

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



**Balanced articulator**

(light) **Ref. 010090**

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



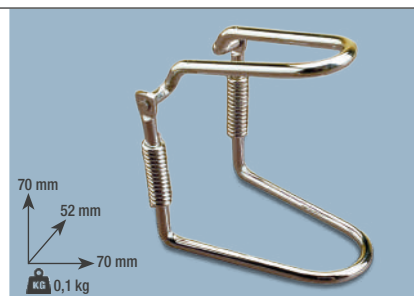
**REPLACEMENT BUCKET**

**Ref. 010090-16**

**Balanced articulator** (light)

**Ref. 010090 B**

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



**Spring articulator**

**Ref. 010150**



**Plastic articulator** (disposable)

(100 articulators)

**Plastic articulator** (disposable)

**Ref. 010140**

**Complete kit. Presentation:**

- 4 bases for complete prosthesis. • 1 container of 20g cyanoacrylate.
- 2 bases for partial prosthesis. • 50 articulators



**Spare parts** (100 articulators)

**Ref. 010145**

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

# Articulators

Semiadjustable arcon type articulator + Case



## Arquímedes Profesional

### A7 Plus REF. 010099

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.



### Standard Professional Set REF. 010102



Articulator A7 PLUS



Case



Standard face bow

### Elite Professional Set REF. 010101



Articulator A7 PLUS



Case



Elite face bow

Semiadjustable arcon type articulator + Case



## Arquímedes Protrusal

### A7 Plus E REF. 010103

It has exclusive aluminum condylar guides with millimeter adjustment.

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



### Set Protrusal Estándar REF. 010104



Articulator A7 PLUS-E



Case



Standard face bow

### Set Protrusal Élite REF. 010106



Articulator A7 PLUS-E



Case



Elite face bow

Semiadjustable arcon type articulator + Case



### 4000 S REF. 010107

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



### Set 4000S Estándar REF. 010107S



Articulator 4000S



Case



Estandar face bow

### Set 4000S Élite REF. 010107E



Articulator 4000S



Case



Elite face bow



# Articulators

## Arcon type articulator

### Arquímedes Junior

#### A7 Fix REF. 010098

- ✓ 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

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.



Medical device

## Elite face bow REF. 010100-55

Articulated and fixation system for the fork that allows a faster registration process. Eliminates the needs for face bow in the assembling process of the casts in the articulator.



Medical device

## Range of accessories:



### 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      |

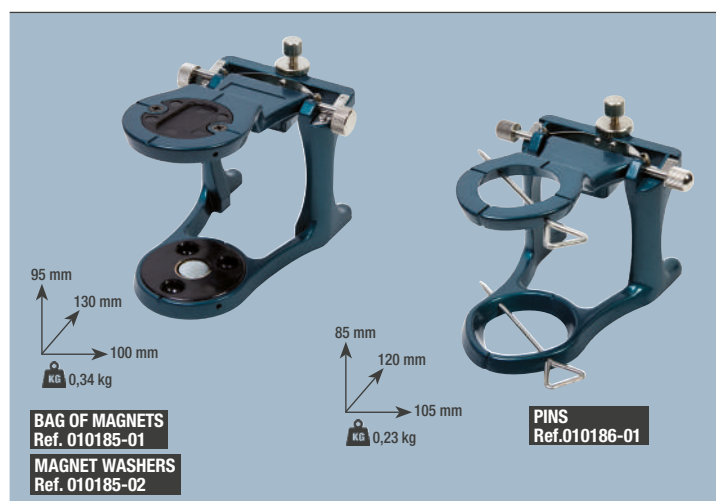
## 3 piece facial articulator accessory kit

### REF. 010100-46 MESTRA by bio-art

The articulators reproduce static and dynamic maxillomandibular positions.

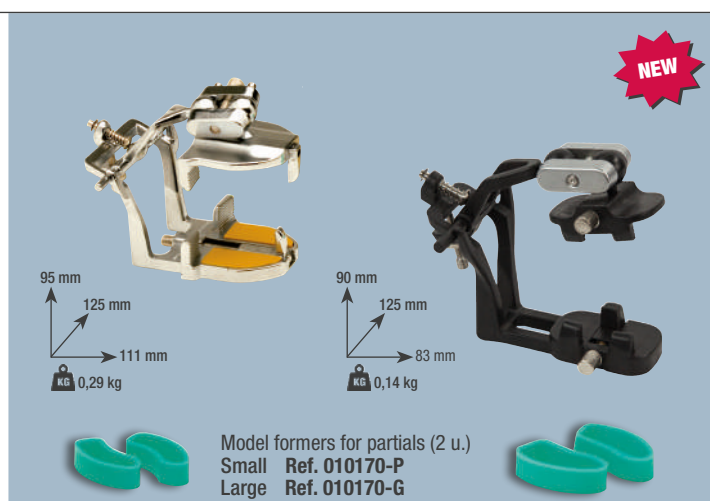
This Bio-Art accessory kit includes:

- ✓ 1 fork support: This allows for greater stability of the record, preventing unwanted distortions.
- ✓ 1 Camper table: A support used for standardized mounting. It features reference lines to aid in model positioning.
- ✓ 1 Fox ruler.



**BAG OF MAGNETS**  
Ref. 010185-01  
**MAGNET WASHERS**  
Ref. 010185-02

**PINS**  
Ref.010186-01



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

## Condylar articulator

### Ref. 010185 (magnetic)

### Ref. 010186 (pins)

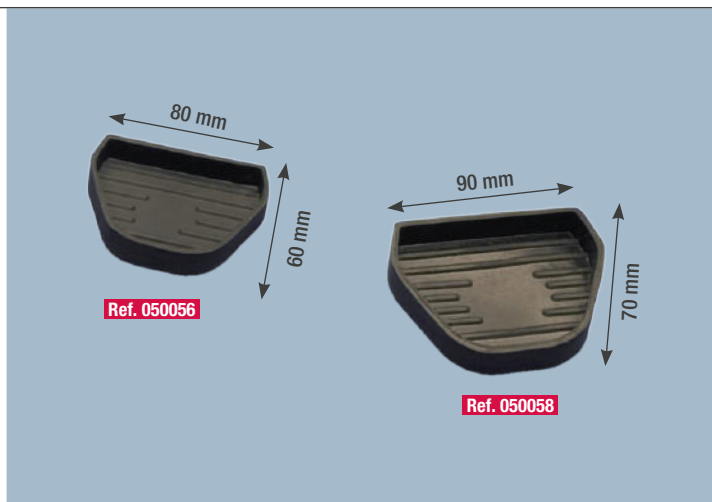
## Quick fixing articulator

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



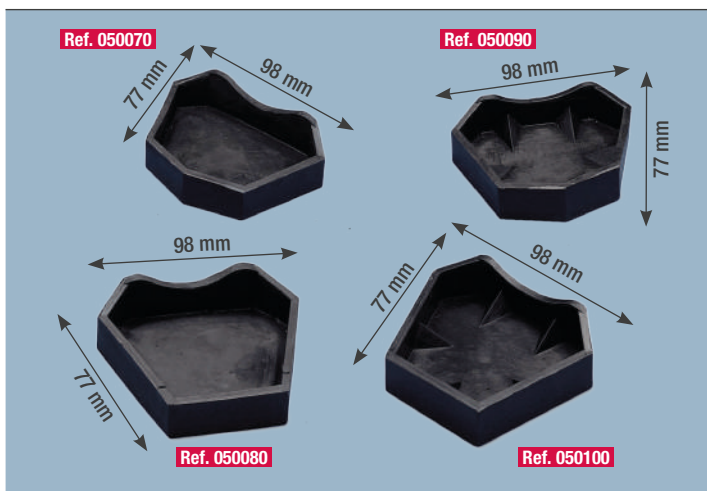
**Model formers** (for orthodontics training)

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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)

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



**Model base former**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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    |

## Flat base former with magnet

**Ref. 050150**

|                         |
|-------------------------|
| WASHER (10 u.)          |
| Ref. 050150-04          |
| BOX (10 u.)             |
| Ref. 050150-05          |
| MAGNET (10 u.)          |
| Ref. 050150-06          |
| COMPLETE MAGNET HOLDER  |
| + WASHER + BOX + MAGNET |
| Ref. 050160             |
| BOX+MAGNET (10 u.)      |
| Ref. 050170             |



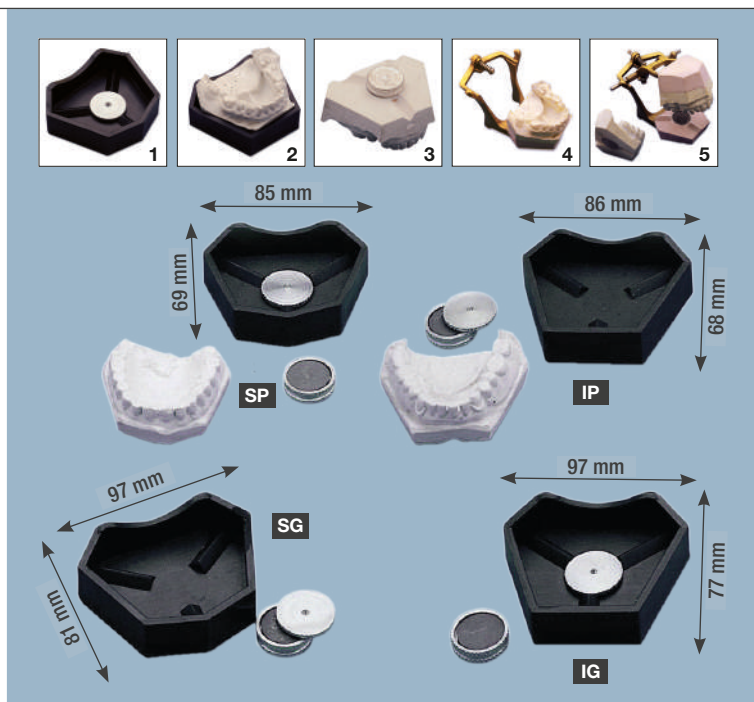
## Base former with magnet

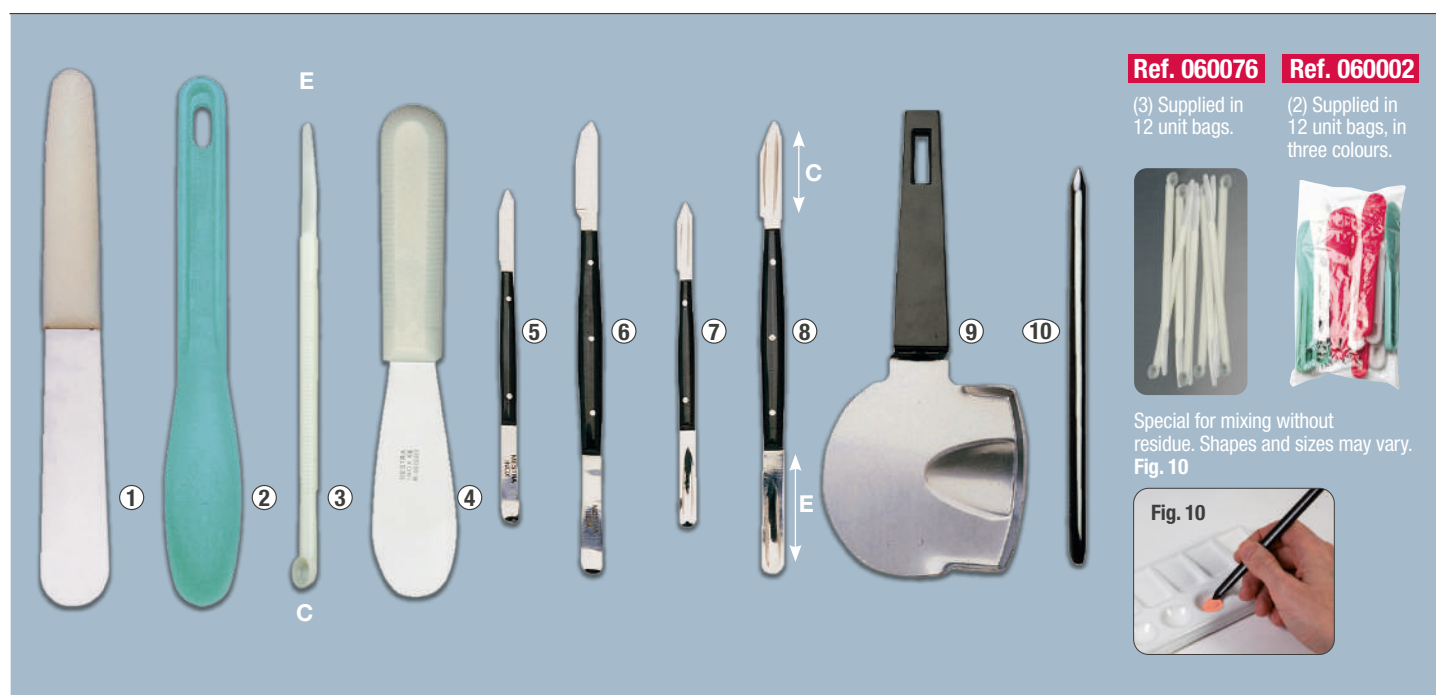
**Ref. 050110=SP**   **Ref. 050120=IP**  
**Ref. 050130=SG**   **Ref. 050140=IG**

|                |        |
|----------------|--------|
| 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).





## Spatulas and knives

|                |                                                  | Total length | Blade       | Weight  |                 |                                               | Total length | E  | C  | Weight          |
|----------------|--------------------------------------------------|--------------|-------------|---------|-----------------|-----------------------------------------------|--------------|----|----|-----------------|
| 1. Ref. 060001 | Alginate spatula. Stainless steel (White handle) | 205 mm       | 110 mm      | 0,06 kg | 5. Ref. 060071  | Wax spatula (small; black handle)             | 135 mm       | 35 | 40 | 0,02 kg         |
| 2. Ref. 060002 | Plaster alginate spatula (Plastic) 12 u.         | 208 mm       | 90 mm       | 0,03 kg | 6. Ref. 060072  | Wax spatula (large; black handle)             | 180 mm       | 45 | 50 | 0,04 kg         |
| 3. Ref. 060076 | Wax spatula with cavity (Small; plastic) 12 u.   | 170 mm       | E-C 40-10 Ø | 0,01 kg | 7. Ref. 060073  | Wax spatula with cavity (small; black handle) | 135 mm       | 10 | 35 | 0,02 kg         |
| 4. Ref. 060003 | Alginate spatula. Stainless steel (White handle) | 190 mm       | 90 mm       | 0,04 kg | 8. Ref. 060074  | Wax spatula with cavity (large; black handle) | 180 mm       | 45 | 50 | 0,04 kg         |
|                |                                                  |              |             |         | 9. Ref. 060079  | Wax pouring spatula                           | 195 x 80 mm  |    |    | 0,06 kg         |
|                |                                                  |              |             |         | 10. Ref. 060075 | Agata spatula                                 | 155 mm       |    |    | 0,02 kg approx. |



## 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        |    |    |         |



## Modelling carvers

**Ref. 070320** (Set 6 units)

**Ref. 070321** - 1B

**Ref. 070322** - 1

**Ref. 070323** - 2

**Ref. 070324** - 3

**Ref. 070325** - 4

**Ref. 070326** - 5



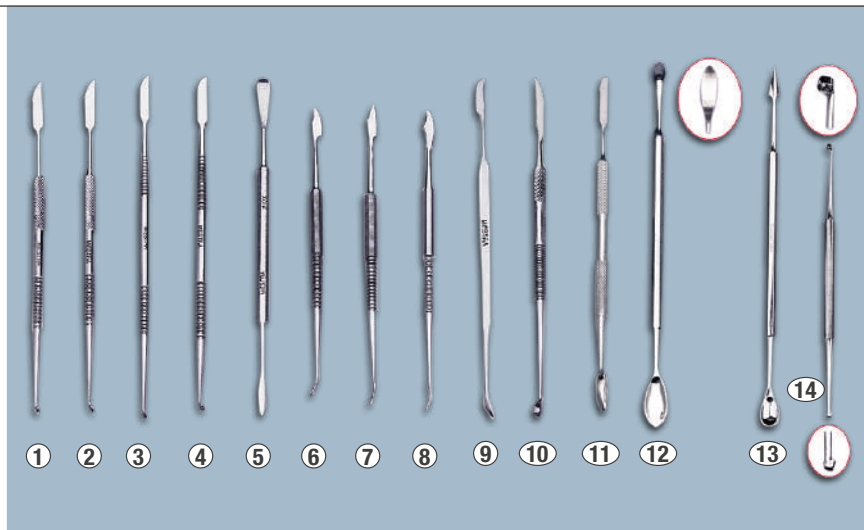
## Miscellaneous

- Plaster cutting tongs  
**1. Ref. 060300**  
0,2 kg  
(L) 190 mm
- Small plaster knives  
**2. Ref. 060310**  
0,03 kg  
(L) 180 mm
- Wax knives  
**3 Ref. 060320**  
0,01 kg  
(L) 130 mm
- Stainless steel wax knives  
**4. Ref. 060330**  
0,01 kg  
(L) 130 mm
- Soldering tweezers (curved)  
**5. Ref. 060340**  
0,04 kg  
(L) 160 mm
- Soldering tweezers (straight)  
**6. Ref. 060360**  
0,04 kg  
(L) 165 mm
- Tweezers for ceramic oven  
**7. Ref. 060370**  
0,08 kg  
(L) 250 mm
- Crucible tongs  
**8. Ref. 060380**  
0,11 kg  
(L) 300 mm
- Metal hammer  
**9. Ref. 050265**  
0,03 kg  
(L) 162 mm
- Ball-peen hammer  
**10. Ref. 050266**  
0,28 kg  
(L) 205 mm
- Diamond dresser  
**11. Ref. 100208**  
0,04 kg  
(L) 100 mm



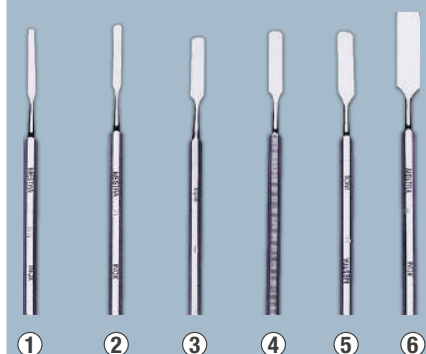
## Wax and modelling carvers

- 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

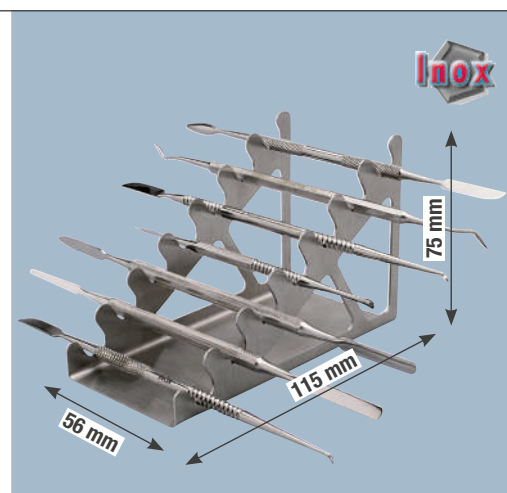
- 1 Ref. 060240** 178 mm 0,02 kg
- 2 Ref. 060242** 175 mm 0,02 kg
- 3 Ref. 060244** 175 mm 0,02 kg
- 4 Ref. 060246** 178 mm 0,02 kg
- 5 Ref. 060248** 175 mm 0,02 kg
- 6 Ref. 060250** 195 mm 0,02 kg



## 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.



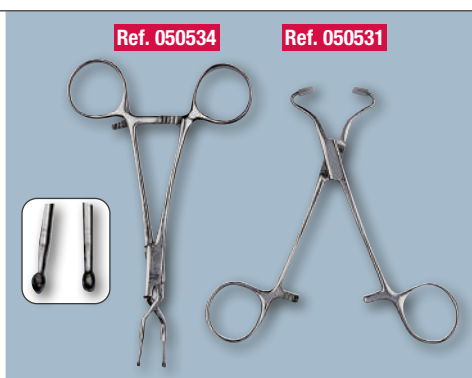


# Instruments



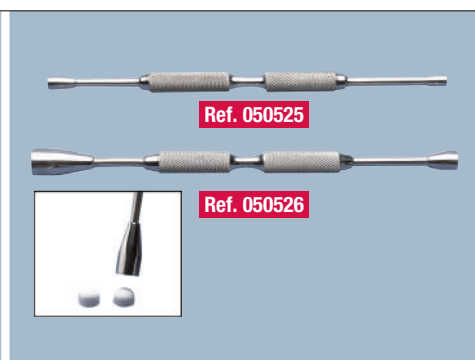
## Pliers

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



## Pliers

| 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 |

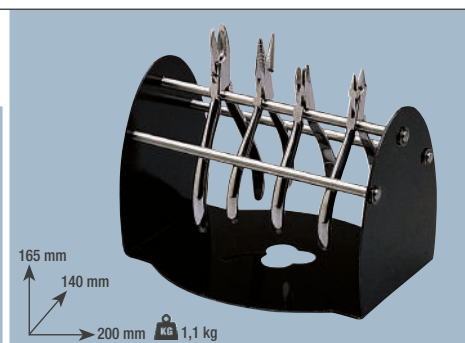


## Dosing instrument (ceramic materials)

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

## Scissor, pliers and scalpel handle

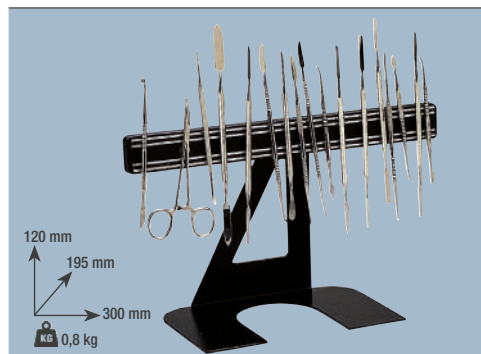
For lab use only



## Plier holding support

**Ref. 050364**

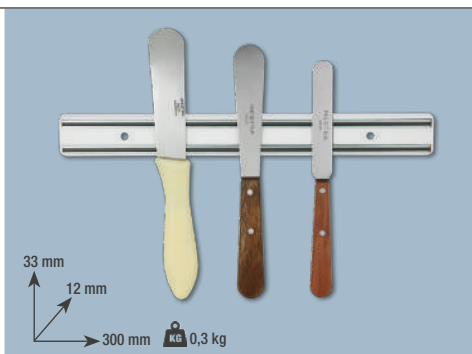
A simple and practical tabletop component which helps to keep the work area tidy. (Pliers not included).



## Magnetic support (instrument holder)

**Ref. 050360**

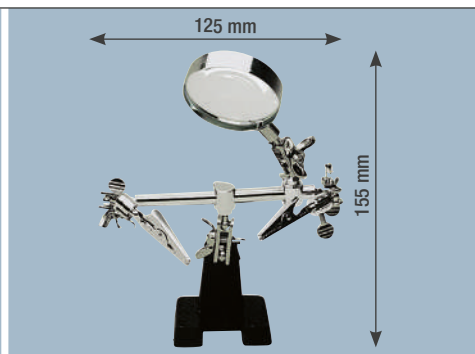
Practical and carefully designed.  
(Instruments not included).



## Magnetic bar (instrument holder)

**Ref. 050362**

De sencilla colocación, puede fijarse mediante tornillos a casi cualquier superficie. (Spatulas not included).



## Holding clamps

**Ref. 050554**

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



## 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 |



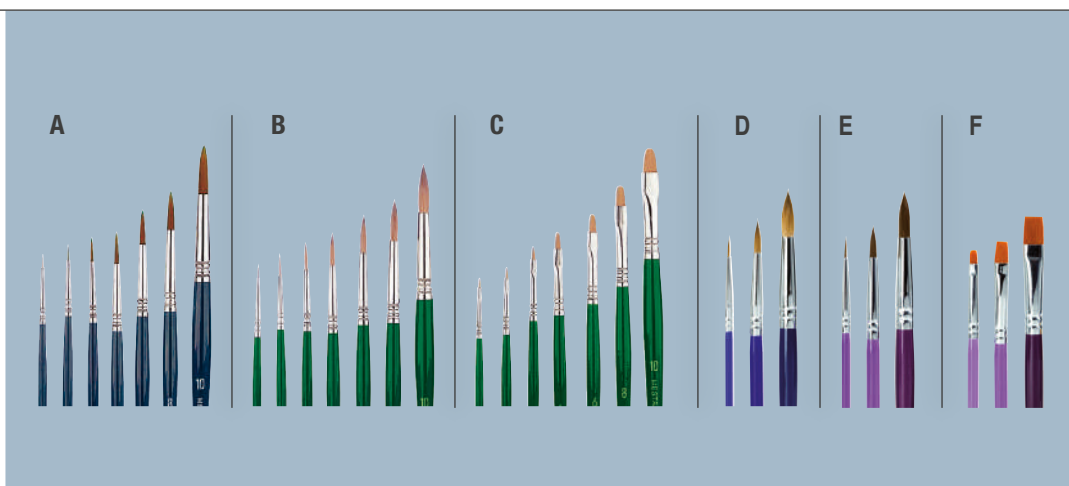
## Plaster mixing bowl | Made of flexible plastic

| 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 |

# Paintbrushes

There are three high quality brushes available: Marta Kolinsky hair, round-tipped, and 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



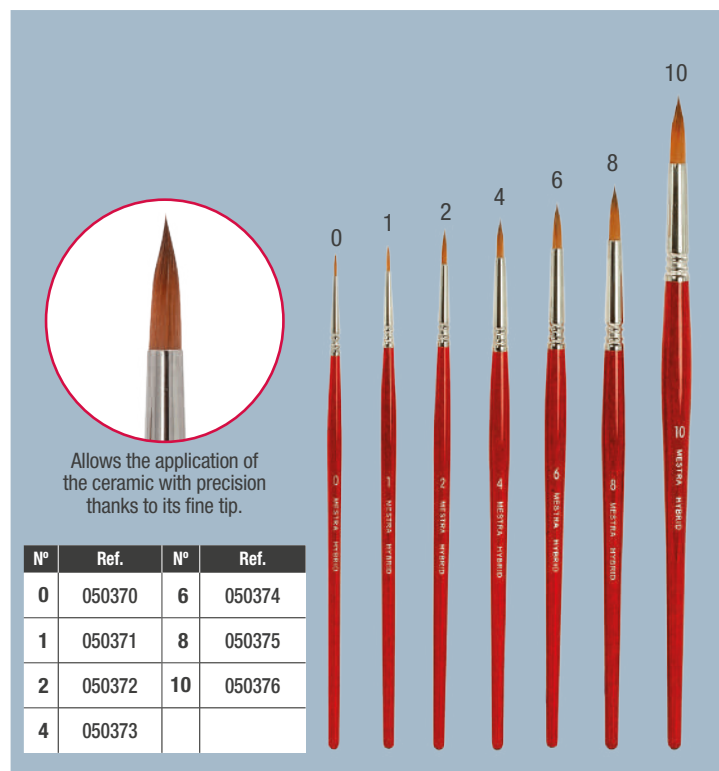
|    | A              | B         | C      | D              | E         | F       |
|----|----------------|-----------|--------|----------------|-----------|---------|
|    | Marta Kolinsky | Toray Oro | Plano  | Marta Kolinsky | Toray Oro | Plano   |
|    | Wooden handle  |           |        | Plastic 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

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.



Ref. 050432P

25x19

Ref. 050431P

16x14 mm

Ref. 050434P

Ø 5x9

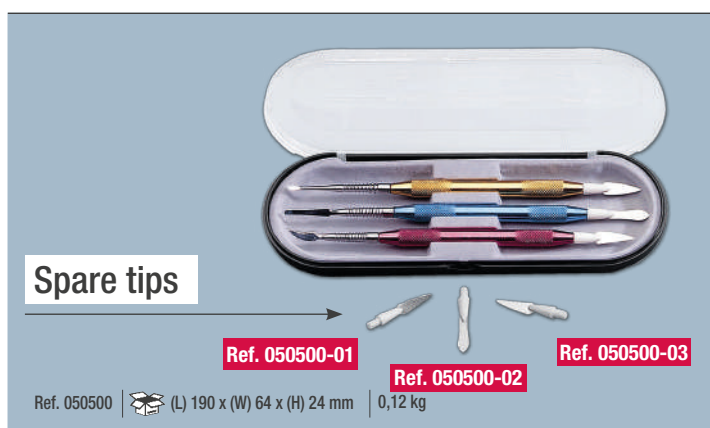
Ref. 050433P

12x15 mm



## Plastic handle paintbrushes

Cleaning Nº 1 and 2 Oval Wax Nº 0 and nº4



## Set of instruments (for ceramic)

Ref. 050500

## 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 paintbrushes have a "rattle affect".

This set is supplied in a practical imitation-leather case.

 (L) 255 x (W) 124 x (H) 45 mm | 0,23 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.

Reposiciones de capuchón:

**Ref. 040590-00** **Ref. 050490-06**  
**Ref. 050490-02** **Ref. 050490-20**  
**Ref. 050490-04** **Ref. 050490-40**

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

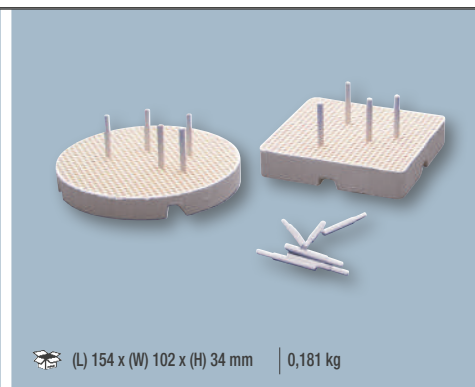
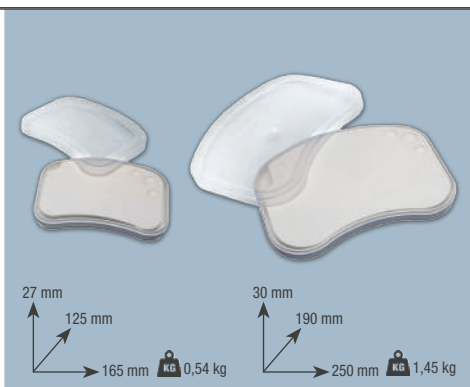
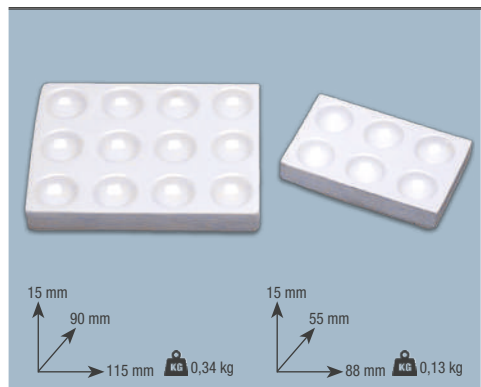


## Glass plates

## Ceramic palette

**Ref. 050510**

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



## Porcelain trays

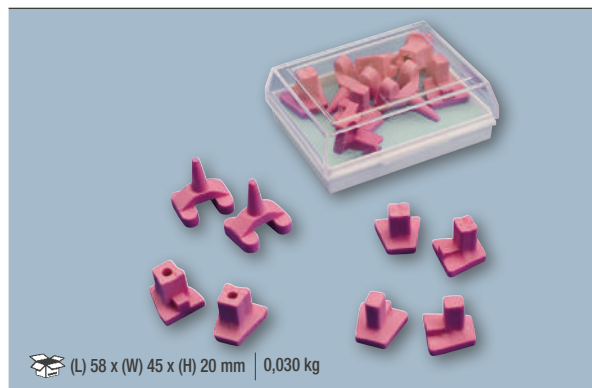
**Ref. 050501** **Ref. 050502**

## Porcelain trays

**Ref. 050503** **Ref. 050504**

## Set of ceramic firing trays (ceramic holders)

**Ref. 050530**



## Trays for furnace

|                      |               |                           |          |
|----------------------|---------------|---------------------------|----------|
| <b>Ref. 050527</b>   | Carbon        | Ø 67 x 12 mm □ 45 x 45 mm | 0,063 kg |
| <b>Ref. 050529</b>   | Conical pins  | Ø 67 x 10 mm              | 0,043 kg |
| <b>Ref. 050528</b>   | Round pins    | Ø 67 x 12 mm              | 0,046 kg |
| <b>Ref. 050513</b>   | Pink          | 59 x 17 x 6 mm            | 0,039 kg |
| <b>Ref. 050529-S</b> | Assorted pins | Ø 68 x 10 mm              | 0,060 kg |

## Porcelain oven stand

**Ref. 050512**



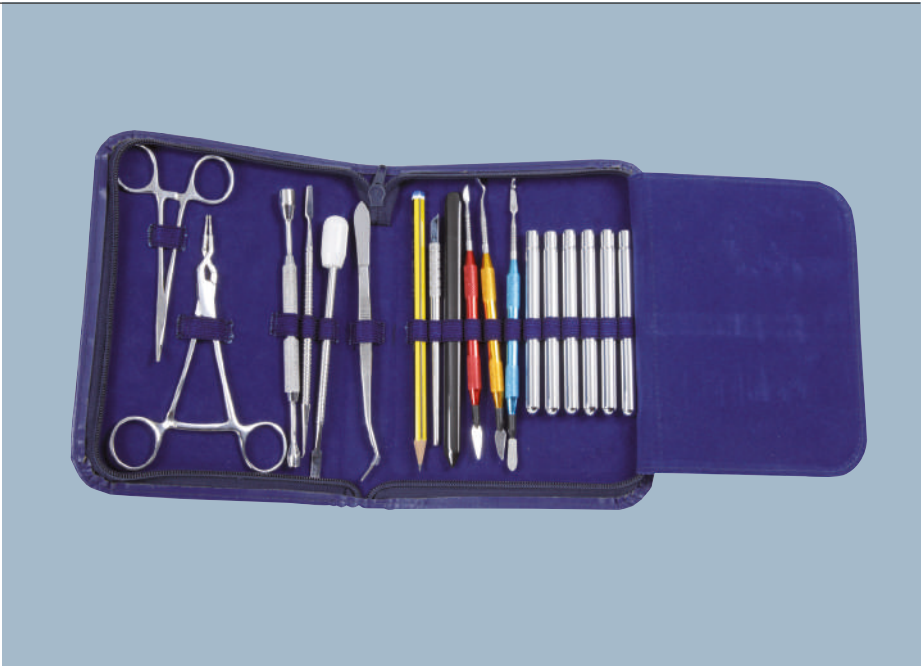
## Tool set (for ceramic)

Ref. 060402

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.

 (L) 190 x (W) 135 x (H) 30 mm | 0,45 kg



## Tool set (for orthodontics)

Ref. 060403

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.

 (L) 190 x (W) 135 x (H) 30 mm | 0,65 kg



## Tool kit for resin

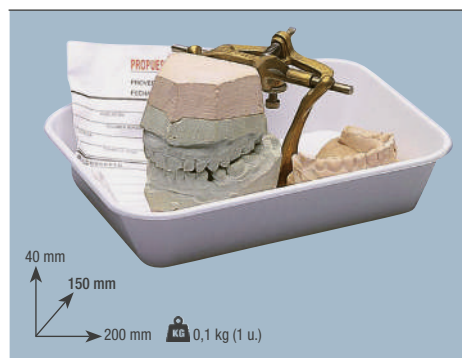
Ref. 130000

Content:

|          |                                          |      |
|----------|------------------------------------------|------|
| 050386   | Kolinsky sable wood brush No. 6          | 1 u. |
| 060072   | Large wax spatula with black handle      | 1 u. |
| 060286   | Wax Carvers and Modeling Tools (Hykin) 9 | 1 u. |
| 060250   | Cement spatula 4                         | 1 u. |
| 107157GC | Gray silicone tip - g157c                | 1 u. |
| 107147GB | Gray silicone tip - g147b                | 1 u. |
| 107157WC | White silicone tips - w15                | 1 u. |
| 107137WC | White silicone tip - w137c               | 1 u. |







## Model tray

**Ref. 050350**

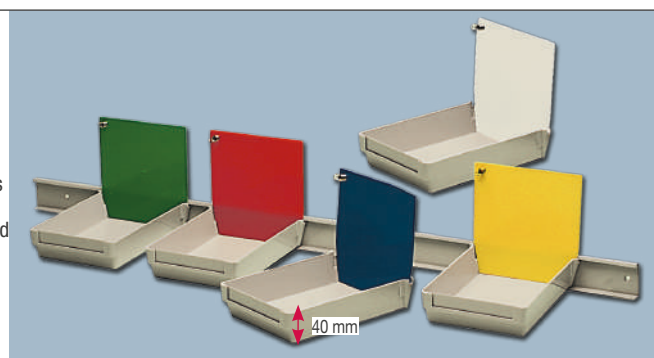
Made of high-quality, high-resistance plastic.

## Model tray

(10 units each colour)

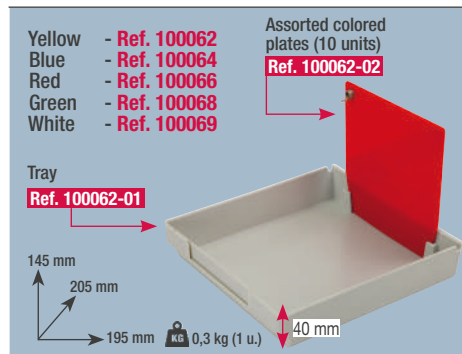
Useful when organizing dental lab production. Labels can be put on the frontal part and there is a spring to hold specification sheets. These trays can be hung on the wall by a rail. There are 5 colours. They are supplied in packs of 10 units each colour.

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



## Rail

**Ref. 100060**



## Model tray (large)

(10 units each colour)

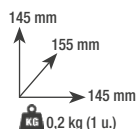
## Model tray (tabletop) I (10 units each colour)

- 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.)

## Model tray (high)

10 units each colour

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



## Tray trolley

**Ref. 100048**

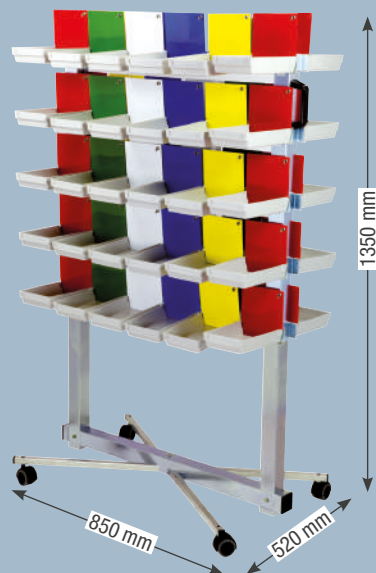


(L) 1320 x (W) 160 x (H) 110 mm | 14 kg



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

TRAY TROLLEY  
+ 60 small units  
**Ref. 100048-60**





**Alginate mixing bowl**

**Ref. 060120**

| Diameter | Height | Capacity            | Weight |
|----------|--------|---------------------|--------|
| 110 mm   | 78 mm  | 400 cm <sup>3</sup> | 0,1 kg |



**Silicon bowl**

**Ref. 060130**



**Silicon bowls (transparent)**

| Size                  | Ø     | Height | Cm                 | Weight  |
|-----------------------|-------|--------|--------------------|---------|
| Ref.060150<br>Small   | 28 mm | 27 mm  | 8 cm <sup>3</sup>  | 0,01 kg |
| Ref. 060160<br>Medium | 34 mm | 32 mm  | 13 cm <sup>3</sup> | 0,01 kg |
| Ref. 060170<br>Large  | 48 mm | 47 mm  | 40 cm <sup>3</sup> | 0,02 kg |

| Size                           | Ø     | Height | Cm                 | Weight  |
|--------------------------------|-------|--------|--------------------|---------|
| Ref.060180<br>Large lid        | 48 mm | 60 mm  | 40 cm <sup>3</sup> | 0,03 kg |
| Ref. 060190<br>Super large     | 65 mm | 55 mm  | 85 cm <sup>3</sup> | 0,04 kg |
| Ref. 060200<br>Extra large lid | 70 mm | 62 mm  | 85 cm <sup>3</sup> | 0,06 kg |

**Ref. 100105**  
Fast and accurate. Direct reading with a resolution of 0.01 mm. Zero adjustment button and inch reading option. It is supplied with case and two batteries, one already put and a spare one.

**Ref. 060390**  
Essential for laboratory and dental clinic works. Zero adjustment button. Millimeters or inches reading option. It is supplied with case.

**Ref. 100110**  
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 |

**Dial crown thickness calliper**

**Ref. 100041**  
0.1 g resolution and maximum load of 3000 g, "Piece counting" function.

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

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

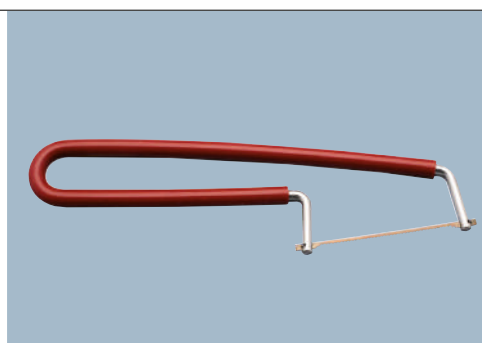
|             |                                |         |
|-------------|--------------------------------|---------|
| Ref. 100040 | (L) 150 x (W) 110 x (H) 36 mm  | 0,29 kg |
| Ref. 100041 | (L) 248 x (W) 248 x (H) 100 mm | 0,77 kg |
| Ref. 100042 | (L) 300 x (W) 190 x (H) 55 mm  | 0,45 kg |

**Precision scale**



**Molar carving tool**

**Ref. 060296**

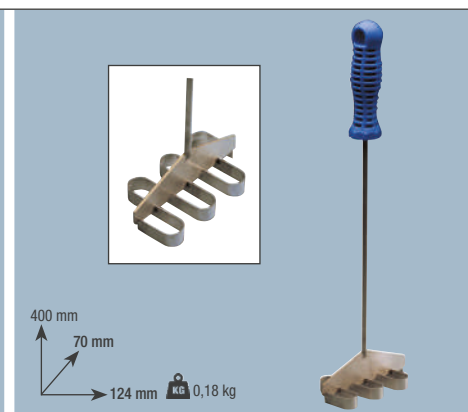


**Bow saw**

**Ref. 050250**

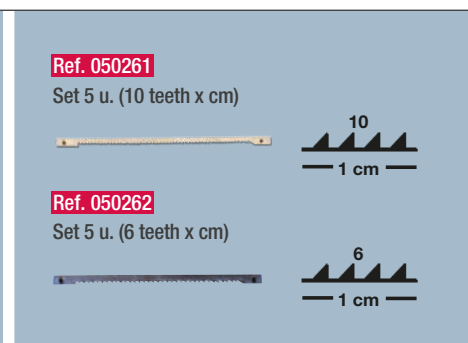
**Ref. 060390**  
Essential for laboratory and dental clinic works. Zero adjustment button. Millimeters or inches reading option. It is supplied with case.

**Ref. 060400**  
Wax calliper.



**Cutter for jelly**

**Ref. 050540**



**Saw blade**

**Ref. 050261 Ref. 050262**



## 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.

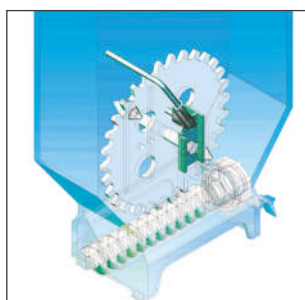
Just press a button, and you will obtain a dose ready to be mixed. Besides its speed and precision, another advantage of this product is the saving of materials: when you dispense by hand, the trend is to increase the dose. However, with the Boomerang dispenser you will always obtain the exact dose, 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          |



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.



## 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 hung on the wall. However, whenever it is no possible, there is an optional support available.

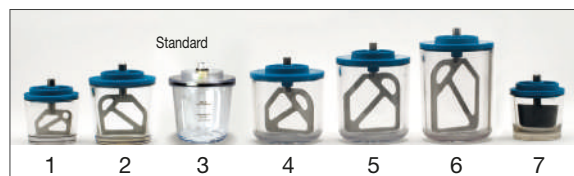
### Specifications

| 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.



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

**Ref. 080516**



**Ref. 080517**



350 mm  
205 mm  
155 mm  4,8 kg

**Ref. 080518**



**Ref. 080517E**



### Optional support

**Ref. 080519**  7,5 kg

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





## Ref. 060220 Small

|          |                     |
|----------|---------------------|
| Diameter | 120 mm              |
| Height   | 200 mm              |
| Capacity | 275 cm <sup>3</sup> |
| Weight   | 0,8 kg              |

## Ref. 060230 Large

|          |                     |
|----------|---------------------|
| Diameter | 151 mm              |
| Height   | 220 mm              |
| Capacity | 750 cm <sup>3</sup> |
| Weight   | 1,2 kg              |



**Mixer** (with tube for vacuum machine)

**Ref. 060220 (small)**

**Ref. 060230 (large)**

**Vacuum micro-pump**

**Ref. 080001**

|             |                 |
|-------------|-----------------|
| Voltage     | 230 V/50-60 Hz. |
| Consumption | 0,72 Amp.       |
| Vacuum      | 550-600 mm/hg   |



## 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.

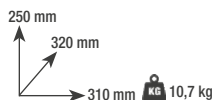
The Koala mixer makes mixing of coating, plaster, and other materials possible. Thanks to its electronic control it is possible to easily introduce the operating time and also to choose cycles of only vacuum, or mixing + vacuum. With the programme switch cycles up to 3 steps can be defined.

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"         |

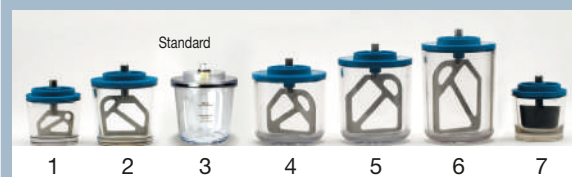


**Ref. 080522**

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

### Specifications

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

(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.

## 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.



- ✓ 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

|               |                  |            |                                  |
|---------------|------------------|------------|----------------------------------|
| Voltage       | 230 V - 50-60 Hz | Speed      | 3000 r.p.m.                      |
| Rated power   | 1600 W           | Dimensions | (L) 340 x (An) 340 x (Al) 320 mm |
| Disc diameter | 250 mm           | Weight     | 14,5 kg                          |

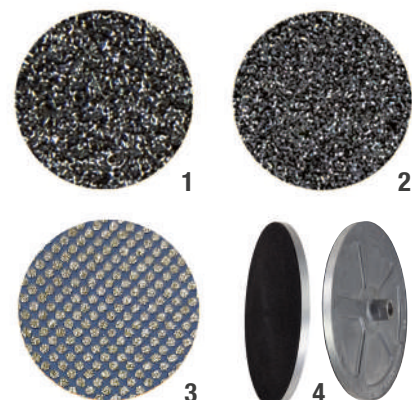
(L) 400 x (W) 530 x (H) 440 mm | 13,5 kg

### CAUTION!

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

Abrasive disc

Diamond disc



### 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



## Mulhacén model trimmer Sandpaper DRY

Ref. 080096



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

- ✓ Stability of the material to be trimmed, since it is not wet.
- ✓ Higher performance and longer life, minimal effort.
- ✓ Optional exhauster (essential).



## 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.



- ✓ 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

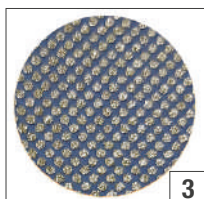
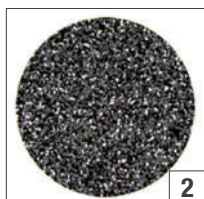
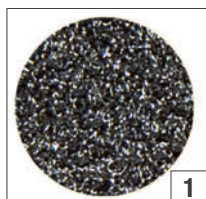
|               |                  |            |                                   |
|---------------|------------------|------------|-----------------------------------|
| Voltage       | 230 V - 50-60 Hz | Speed      | 3000 r.p.m.                       |
| Rated power   | 1600 W           | Dimensions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

### CAUTION!

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

Abrasive disc

Diamond disc



### 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



## Sandpaper disc DRY trimmer

Ref. 080099

NEW



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

- ✓ Stability of the material to be trimmed, since it is not wet.
- ✓ Higher performance and longer life, minimal effort.
- ✓ Optional exhauster (essential).





## 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.

|                  | 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



### CARBIDE DISC

1500 rpm

Ref. 080080

3000 rpm

Ref. 080082



### DIAMOND DISC

1500 rpm

Ref. 080081

3000 rpm

Ref. 080083

### CAUTION!

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



### 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 is not wet.
- ✓ Higher performance and longer life, minimal effort.
- ✓ Optional exhaustor (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 been designed 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

- ✓ 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.

## Burs for interior trimmer

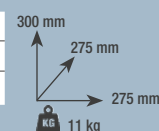
These burs are made of tungsten with grooving serration and are available in two different outlines: cylindrical and rounded conical. The rounded conical bur is supplied with three different kinds of serration:

N°5 X (standard), N°3 and N°6 (fine). On the other hand, the cylindrical bur is supplied with serration N°3 and N°6. Dimensions: Head diameter 12,5 mm; total length 77 mm.



**Inox**

|                                |                 |
|--------------------------------|-----------------|
| 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

|                   | Tipo                                | Weight   | (L) x (W) x (H) |
|-------------------|-------------------------------------|----------|-----------------|
| 1. Ref. 080102-09 | Conical (serration n° 5x). Standard | 0,041 kg | 95 x 17 x 16 mm |
| 2. Ref. 080106    | Conical (serration n° 3)            | 0,043 kg | 75 x 17 x 16 mm |
| 3. Ref. 080103    | Conical (serration n° 6)            | 0,052 kg | 95 x 17 x 16 mm |
| 4. Ref. 080104    | Cylindrical (serration n° 6)        | 0,060 kg | 95 x 17 x 16 mm |
| 5. Ref. 080105    | Cylindrical (serration n° 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



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

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



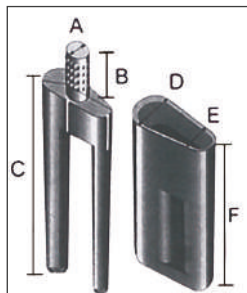


**BI-V-PIN (long 15 mm)** **Ref. 050560** (1.000 u.)

**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 |

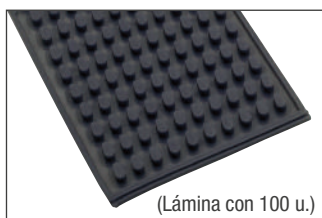
Metal sleeve

| 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**



(Lámina con 100 u.)

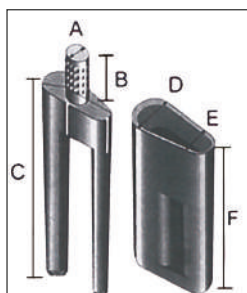
(L) 97 x (W) 70 x (H) 5 mm | 0,013 kg

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

**Ref. 050557**

Similar to conventional Bi-Pin but with plastic sleeve. Pin-sleeve fitting and gripping to the plaster model are very precise. Optimal fitting precision.

Friction between sleeve and pin is ideal for assembly-disassembly.



Bi-V-Pin

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

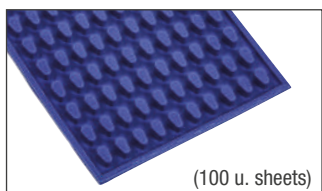
Camisa metálica

| 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**



(100 u. sheets)

(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

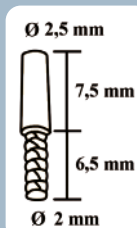


## PIN (short cylinder)

**Ref. 050576**

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

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

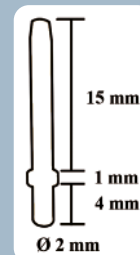


## PIN (long cylinder)

**Ref. 050578**

Long cylindrical pin  
20 mm (pack 1.000 u.)

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

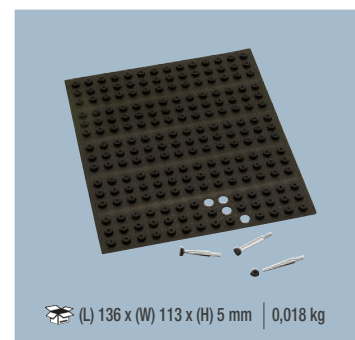
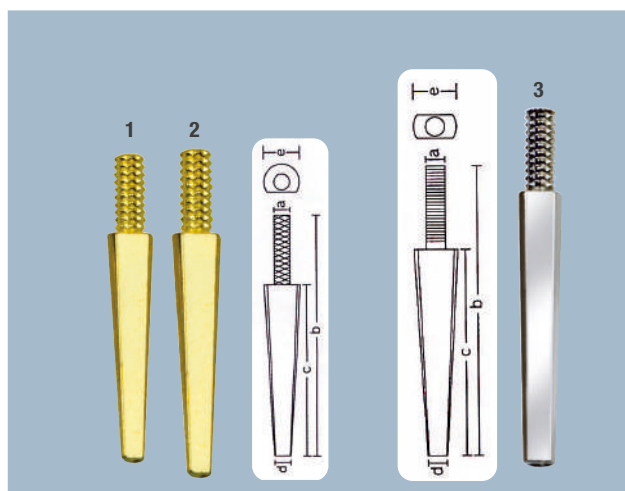


## Dowel Pin (1.000 u.)

- Ref. 050562** (pack 1.000 u.)  
Dowel PIN 20 mm. Golden
- Ref. 050564** (pack 1.000 u.)  
Dowel PIN 22 mm. Golden
- 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 |

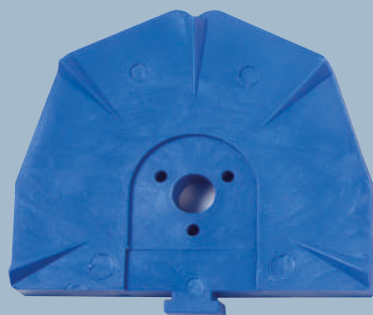
(L) 90 x (W) 70 x (H) 55 mm | 0,52 kg



## Rubber sheets for Dowel Pin

**Ref. 050572** (Sheet with 210 U.)

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



Base plate for former 100 u.

**Ref. 050180**

(L) 68 x (H) 64 mm



Base plate without washer 100 u.

**Ref. 050182**

(L) 73 x (H) 64 mm



Washer for base plate  
(50 u.)

**Ref. 050182-01**



Base plate with washer 50 u.

**Ref. 050184**

(L) 73 x (H) 64 mm



Secondary plate with magnet 25 u.

**Ref. 050186**

(L) 74 x (H) 6 mm



## Base plates for pin driller

## 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

## Composite heater

**Ref. 080077**

Mestra composite heater is a device that allows to keep the syringes of composites, adhesives or other materials used in the dental laboratory warm until the moment of use.

With capacity for 8 syringes, it allows you to choose between three different temperatures (40, 50 or 70 °C), to facilitate the handling of composites, improving their fluidity.

|                   |              |
|-------------------|--------------|
| Temperature       | 40-50 y 70°C |
| Diameter of holes | 16 mm        |
| Voltage           | 100 a 240 V  |



## Die tray system

**Ref. 100206** (10 u.)

(L) 190 x (W) 70 x (H) 90 mm | 0,35 kg



Its small size means it can be installed anywhere. It has a full set of exchangeable electrodes, making it easy to find the best way to adapt to the job in question. The machine is controlled electronically, which practically eliminates sparks between electrodes on machines without a control system of this type.

Power can be selected from among 30 different levels to adapt to the

|            |                    |
|------------|--------------------|
| 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

thickness of the material to be welded. The machine is supplied with an accessory for the heating up of wire arcs, and two flexible cables to perform manual welds.



## Spot welding machine

**Ref. 100127**



## 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.

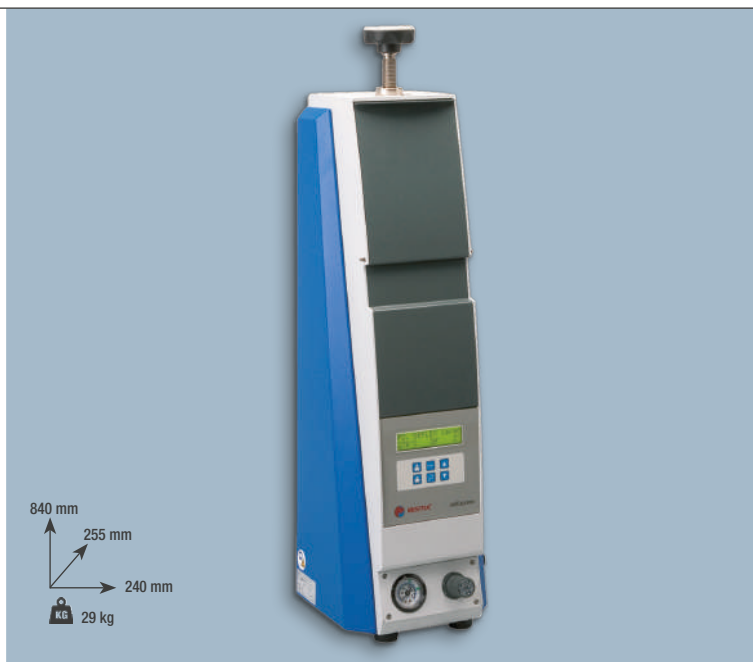
The thorough adjustment between piston and casing prevents seizing up in case of breaking the cartridge.

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 (Ref.020210) and a demolding spray.

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

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



## Aneto II gel mixer

**Ref. 080512**



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

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

|          |                |
|----------|----------------|
| Voltage  | 230 V 50-60 Hz |
| Power    | 650 W          |
| Speed    | 100 rpm        |
| Capacity | 7 L            |



## Gel Bat-6 gel mixer

**Ref. 080510**

The MESTRA gelatine mixer is made of stainless steel. The control microprocessor offers the user a wide range of options, such as pre-programming gelatine temperature for a given time. Also we can change from pouring temperature C1 (75°C - 95°C) to maintenance temperature C2 (35°C - 65°C), or viceversa, simply by pressing the button.

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

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

The torque of the motor is high, so it can be easily started even if the tank is full (the gelatine cut into pieces).

|          |                                 |
|----------|---------------------------------|
| Voltage  | 230 V 50-60 Hz                  |
| Power    | 700 W                           |
| Speed    | 70 rpm (50 Hz) - 84 rpm (60 Hz) |
| Capacity | 6 L                             |



## 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.



Accessorie:

**Ref. 080022-10**

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



### Timer Button:

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

### Power button:

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

### Vibration type button:

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



**TEIDE CIMA** **Ref. 080024**



**TEIDE** **Ref. 080022**



**TEIDE 1** **Ref. 080021**

|              |                             |
|--------------|-----------------------------|
| 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                    |



## 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.





## Large electrovibrator

**Ref. 080010**

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

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



## Square electrovibrator

**Ref. 080020**

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

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



## Rectangular electrovibrator

**Ref. 080025**

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



## Round electrovibrator

**Ref. 080030**

Its body is made of white colour anodized aluminium, and rests on suction pads. The working surface is made of rubber on a metal body and has a recess of 30 mm for inserting the tray.

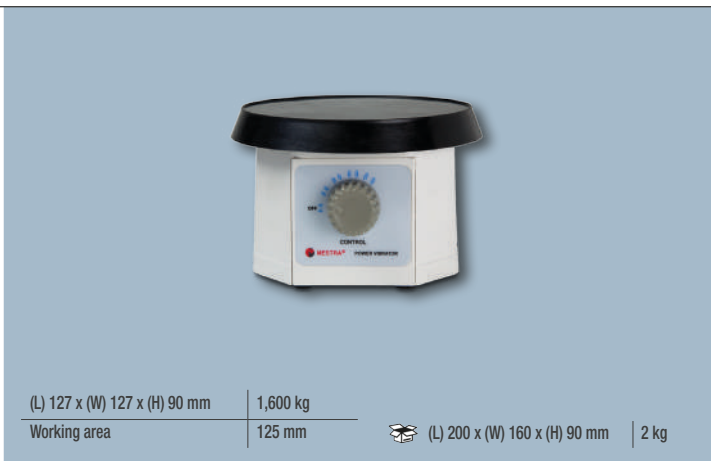
It is equipped with a potentiometer, a selector switch ( $\pm$ ) for stepped adjustment of vibrations, and an "ON" light.



## 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 dismantled to clean the unit.



## Round electrovibrator small

**Ref. 100200**

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



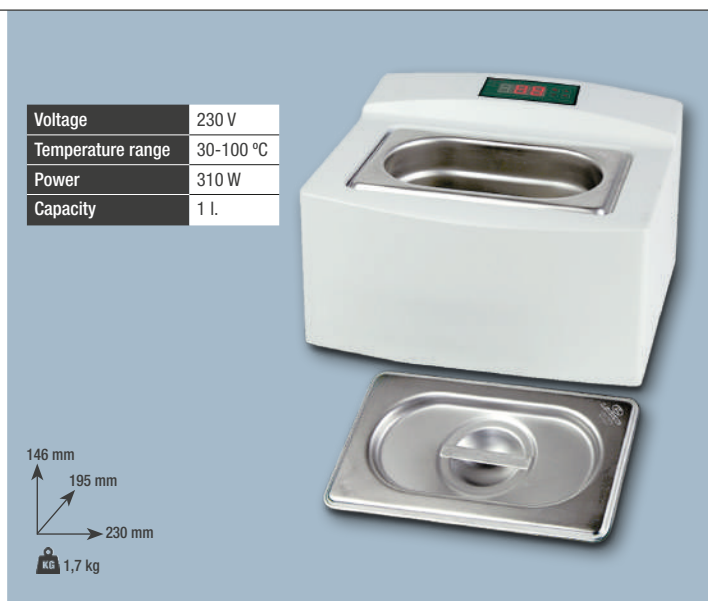
## Wax heater (high capacity)

**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.

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



## Water bath

**Ref. 080078**

It has a 1 litre stainless steel tank and it is easy to clean. The body is made in high density polyurethane, resistant to chemical agents. Bath temperature control is made by an electronic thermostat easy

to use and accurate when keeping the programmed temperature. Temperature range is from 30 °C to 75 °C. A powerful heater allows reaching the set temperature in a few minutes.

(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.



## Wax heater

**Ref. 080070**

The wax heater is set for a temperature of around 85 °C, which melts wax in 8 to 10 minutes.

|         |                |
|---------|----------------|
| Weight  | 1,1 kg         |
| Power   | 60 W           |
| Voltage | 230 V 50/60 Hz |



## Immersion heater

**Ref. 100126**

It can melt the wax in a few minutes and keep the temperature within a narrow variation range. The heater can be regulated in Fahrenheit and Celsius degrees.

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



## Immersion heater (3 tanks)

**Ref. 100123**

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     |
| Temp. range | 50-120 °C |
| Power       | 60 W      |



## Wax heater

**Ref. 080071**

control system keeps the programmed temperature to a surprising degree of accuracy and shows it on an illuminated screen.

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



## Wax heater

**Ref. 080072**

Similar to the **Ref. 080071** with the tank divided into four independent compartments.

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

## Gas burner

**Ref. 100001**

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

Burning is through an automatic piezoelectric device and flame can be regulated.



(L) 130 x (W) 90 x (H) 120 mm | 0,28 kg

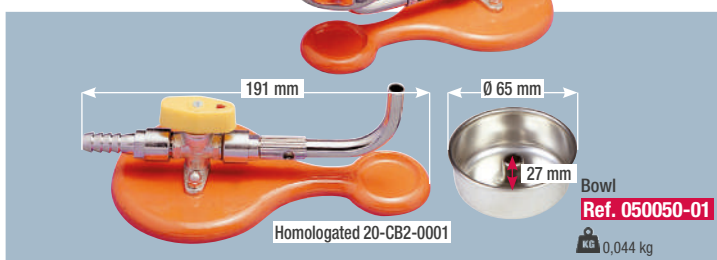


## Blowtorches and burners

## Gas burner

**Ref. 050000** (Butane)

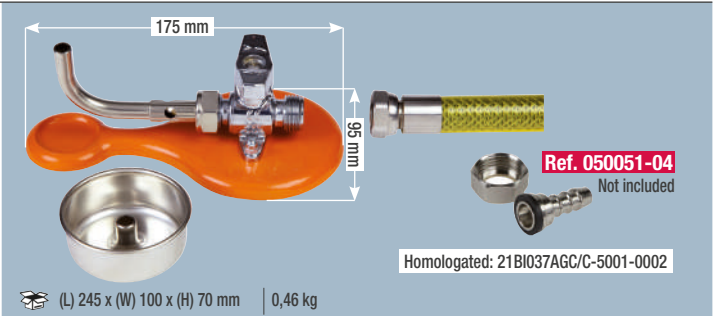
**Ref. 050020** (Natural gas)



## Gas burner with wax container

**Ref. 050030** (Butane)

**Ref. 050050** (Natural gas)



## Gas burner for threaded hose

**Ref. 050051** Butane/propane

**Ref. 050051B** Butane gas lighter/threaded hose

**Ref. 050052** Natural gas

**Ref. 050053** Butane/propane + wax container

**Ref. 050053B** Butane gas lighter/threaded hose + spigot + wax container

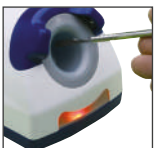
**Ref. 050054** Natural gas + wax container

## 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.



|         |       |
|---------|-------|
| Voltage | 230 V |
| Power   | 100 W |

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

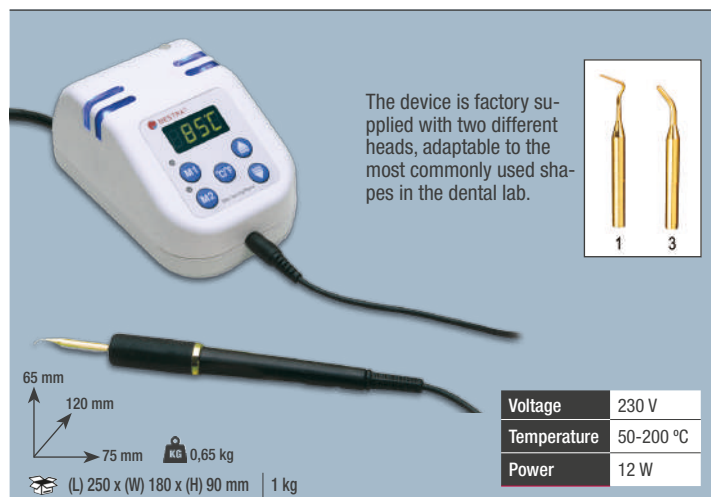


## Wax moulds

**Ref. 050200** (straight)

**Ref. 050210** (curve)



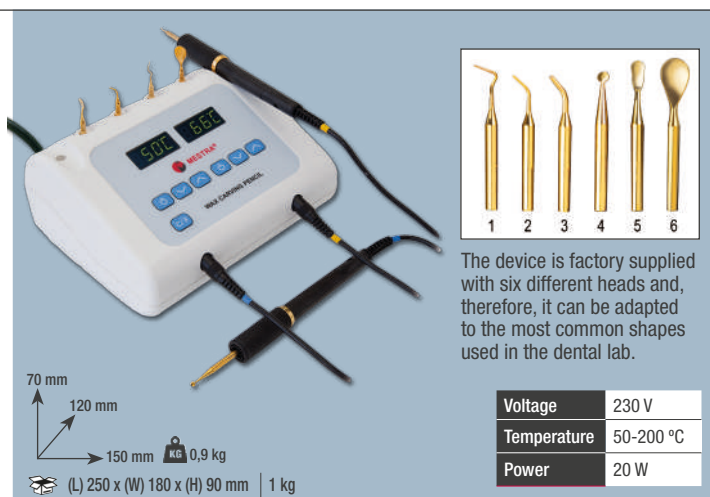


## Electronic spatula (for wax modelling)

**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.



## 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.

## 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

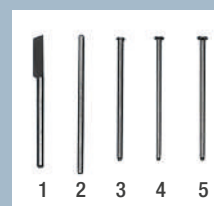
(Surveyor)

**Ref. 050320**

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

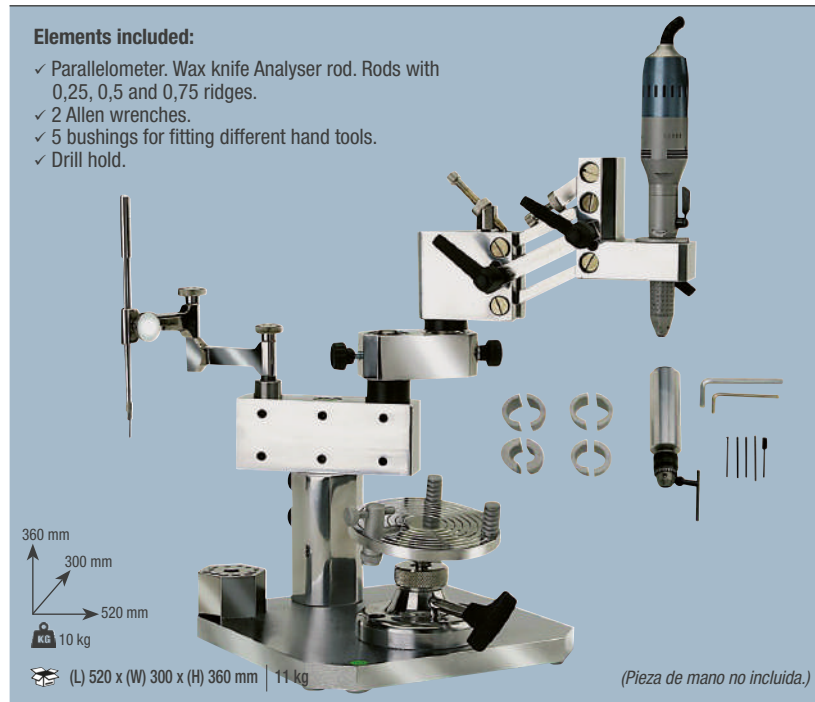
(L) 178 x (W) Ø12 | 0,065 kg

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



## 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.



## Milling support (V-3 parallelometer)

**Ref. 080410**

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 | A- Ø 3 mm    | Ref. 100006A |
| Mestra                           | B- Ø 2 mm    | Ref. 100006B |
|                                  | C- Ø 2,35 mm | Ref. 100006C |

## Electronic spatula (for parallelometer)

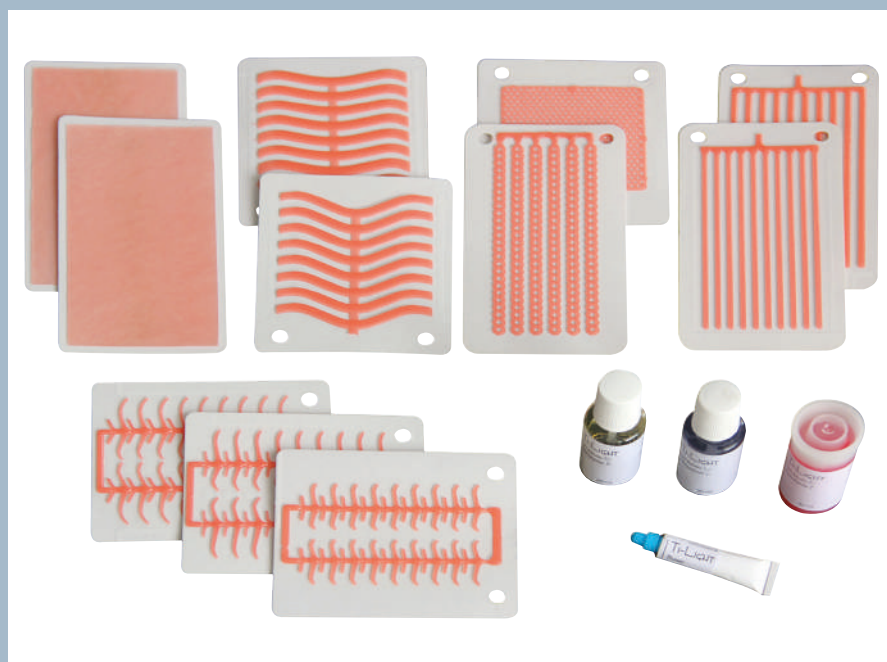
**Ref. 100006 A/B/C**

|                   |           |
|-------------------|-----------|
| Voltage           | 230 V     |
| Temperature range | 50-200 °C |
| Power             | 12 W      |
| Height adaptor    | 23 mm     |

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

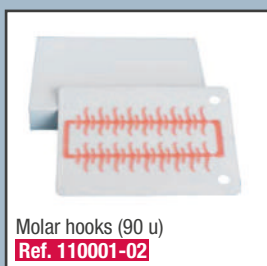
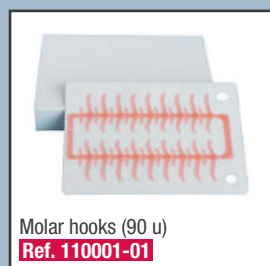


## Light curing pattern Ti-Light



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    |



### REPLACEMENTS

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

## E2 washing and polymerizing machine

**Ref. 080060**

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

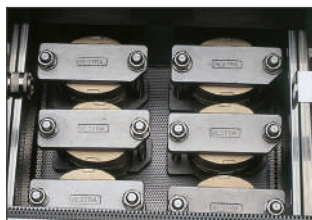
- ✓ Delayed start time in hours and minutes from 0.00 to 99.59. This means the programme can be set to run at a particular time. This delay works each time the programme is started.
- ✓ Duration of each controlled temperature increase gradient in hours and minutes from 0.00 to 99.59.
- ✓ Required holding time at each temperature plateau in hours and minutes from 0.00 to 99.59.
- ✓ Shower time required.



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



Fast spray tree assembly & disassembly system.



Large compartment with room for 6 clamps with 2 flasks each



Drain cock.

|                       |                                |
|-----------------------|--------------------------------|
| 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 kg                          |
| Inside dimensions     | (L) 400 x (W) 320 x (H) 350 mm |

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

**Polymerization:**  
12 flask with  
R - 030380 clamps. 95°C.

**Scalding:**  
6 flasks (open type)  
(±8 minutes) 85 °C.

**Casing:**  
Stainless steel.



Chassis completely made of stainless steel.



## Washing machine cabinet

**Ref. 080050**

Completely made of stainless steel. Together with the Ref. 080060 washing and polymerising machine, they make a practical, aesthetic and unchanging combination in dental labs.

It has three inner shelves in order to keep adequately flasks, clamps and any other material used in polymerizing processes.

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

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





## 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.
- ✓ Room for 3 clamps with three flasks each.

### 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.



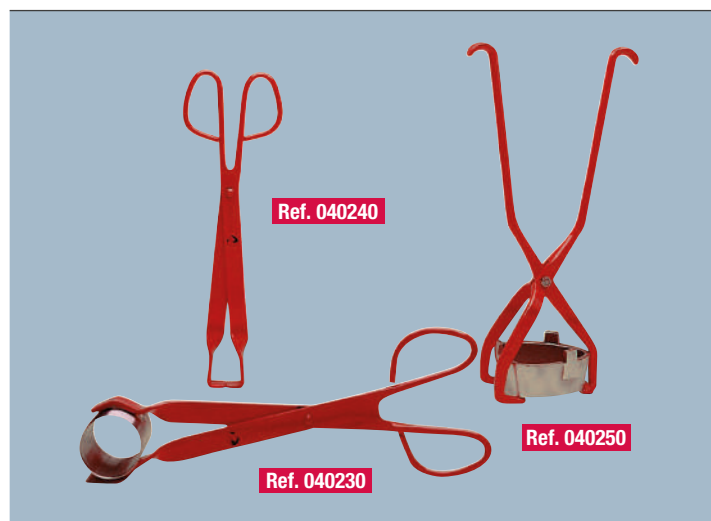
|                 | M-9                                                         | M-18                                                        |
|-----------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Voltage         | 230 V - 50-60 Hz.                                           | 230 V - 50-60 Hz.                                           |
| Power           | 1750 W                                                      | 3000 W                                                      |
| Dimensions      | (L) 480 x (W) 270 (with key)<br>x (H) 470 mm (without knob) | (L) 500 x (W) 420 (with key)<br>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

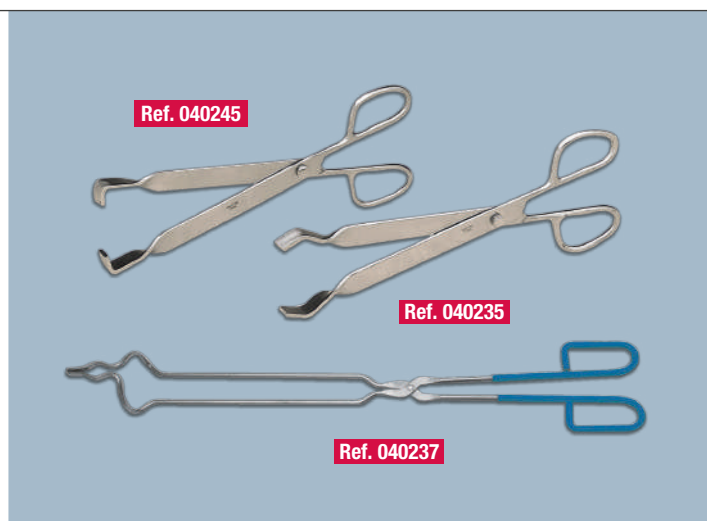
M-18 (L) 740 x (W) 520 x (H) 680 mm | 27 kg



Ref. 080402 It is exactly the same as the Ref. 080400 except for its size. It can hold up to 18 flasks.



Tongs for flasks



Tongs (stainless steel)

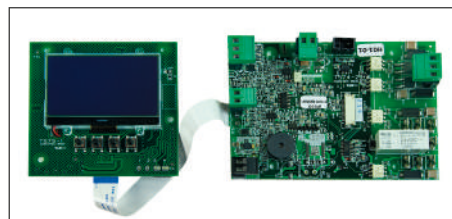
## Polymerizer POLI *Magic-9* Polymerizer POLI *Magic-18*

Ref. 080405

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. 080405 except for its size. It can hold up to 18 flasks.



Ref. 080407

Ref. 080405

**Inox**

|                 | 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)<br>x (H) 470 mm (con pomo) | (L) 500 x (W) 420 (con llave)<br>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)<br>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



# Polymerizing

## 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 N° PED.BD.000011  
Directive 2014/68/UE (pressure equipment)

|                  | R-030425 | R-030430 |
|------------------|----------|----------|
| Pressure         | 2 bar    | 2 bar    |
| Max. temperature | 100 °C   | 100 °C   |
| 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 litre) **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 °C.

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



## Poli-Plus (pressure polymerizer)

**Ref. 080460**

Made of stainless steel. Tank of anodized aluminium with triple safety system when opening and closing the lid.

Its automatic computerized control makes possible a time-controlled start-up, and controlling the rises and maintenance of the temperatures.

When the working cycle finishes, there is a manual discharge and an automatic disconnection.

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



## Curing light Sun Beam

**Ref. 080550**

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,

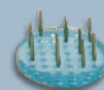
automatic warning of lamp change (each 500 working hours), revolving

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<br>y 3 mod. 9 W/71 UVA |

(L) 520 x (W) 300 x (H) 360 mm | 7,5 kg



Acrylic lamp stand for lamp  
**Ref. 080550-50**

## 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

**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

**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         |



## Curing light (valid for the vast majority of materials.)

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

**Ref. 130322** Thickness: 1,4



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

**Ref. 130334** Thickness: 1,4



## Light curing plates

**Pink** (box 50 u.)

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

## MEGATRAY Light curing plates

**Pink** (box 50 u.)

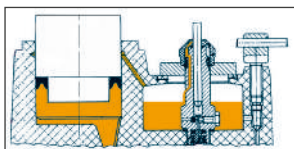
**Megatray** curing plates for the fabrication of custom trays and bite plates for the production of wax mounts. Its slight transparency allows to perceive marks on the model.

## Hydraulic press

**Ref. 030350**

The **MESTRA** hydraulic laboratory press is sturdy and pleasing to the eye. It is simple and easy to handle, and the latest trends in new materials have been applied to its construction. Its oil-hydraulic system is designed so that the oil cannot escape from the chamber. All parts subject to wear are made of ground hardened and tempered steel and finished with epoxy paint.

The **MESTRA** press includes bottom plate recovery springs which enable it to be always in a ready-to-use position. The top plate diameter and the width between columns enable flask(s) to be inserted and removed with the **MESTRA** Ref. 030380 press flange without having to raise or lower the spindle, thus saving time and trouble.



### USEFUL SPACE

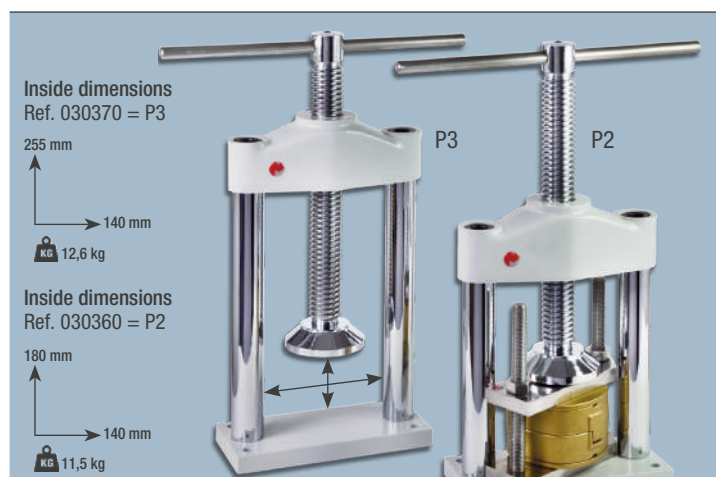
|                           |                                    |
|---------------------------|------------------------------------|
| Height                    | 235 mm                             |
| Width                     | 140 mm                             |
| Piston maximum travel     | 25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

### 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 | **KG** 22 kg

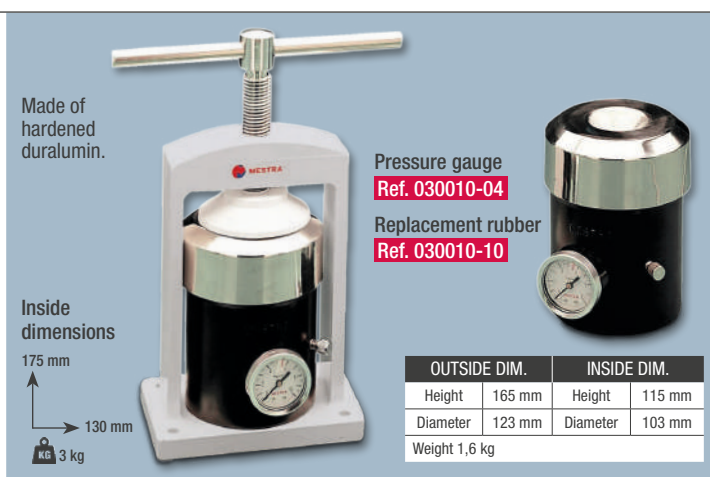


Inside dimensions  
Ref. 030370 = P3

255 mm  
140 mm  
**KG** 12,6 kg

Inside dimensions  
Ref. 030360 = P2

180 mm  
140 mm  
**KG** 11,5 kg



Made of  
hardened  
duralumin.

Inside  
dimensions  
175 mm  
130 mm  
**KG** 3 kg

Pressure gauge

**Ref. 030010-04**

Replacement rubber

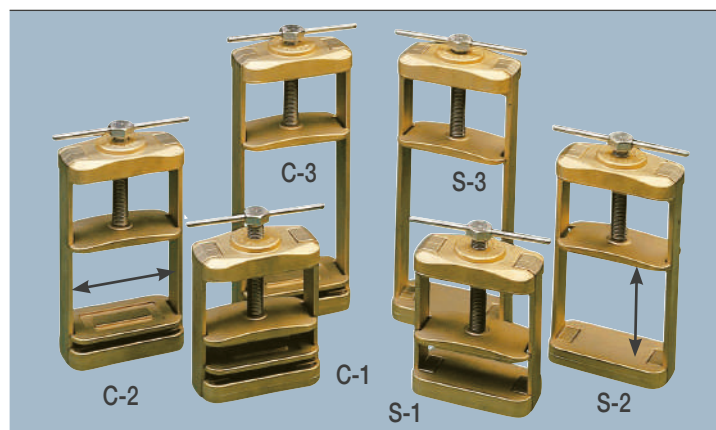
**Ref. 030010-10**

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

## Presses (for flasks)

**Ref. 030360 = P2**

**Ref. 030370 = P3**



## 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

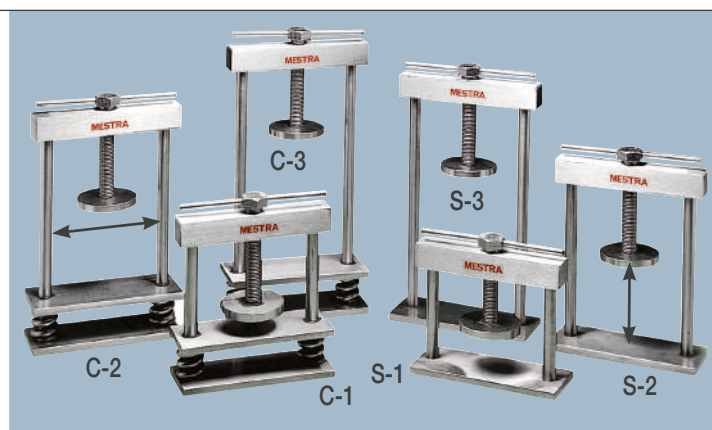
## Clamp (for pressure-vessel)

**Ref. 030000**

## Pressure vessel

(for self-polymerizing resins)

**Ref. 030010**



## 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

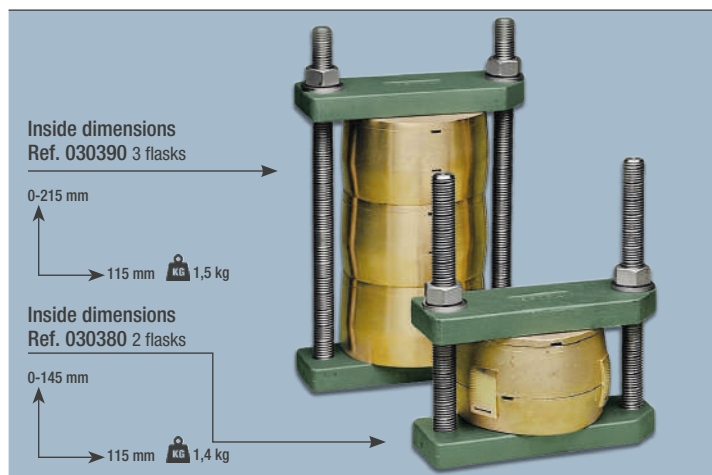
(made of stainless steel)

**C-1 Ref. 030180** 110 x 30-75 mm

**C-2 Ref. 030190** 110 x 90-145 mm

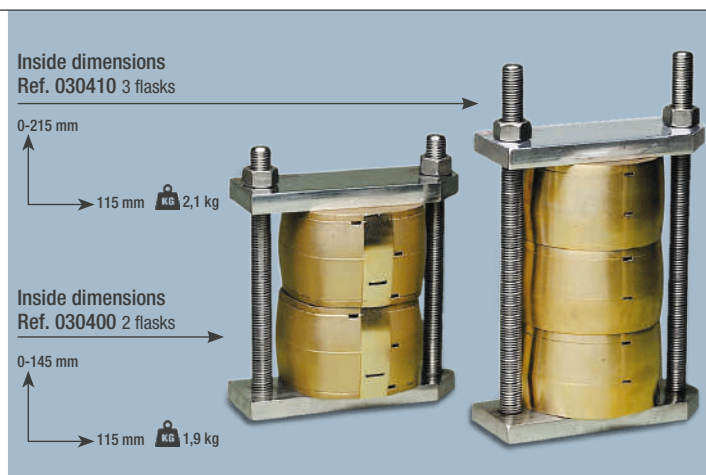
**C-3 Ref. 030200** 110 x 140-200 mm





**Clamp for press (aluminium)**

**Ref. 030380 2 flasks** **Ref. 030390 3 flasks**



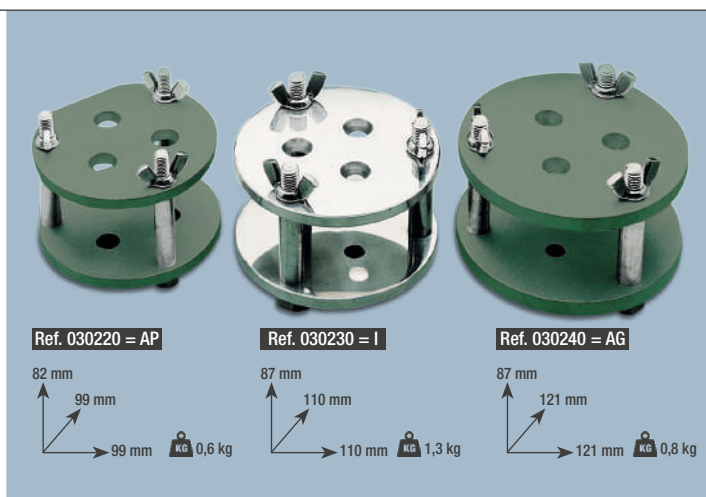
**Clamp for press (stainless steel)**

**Ref. 030400 2 flasks** **Ref. 030410 3 flasks**



**Clamp for bridges (brass and stainless steel)**

**Ref. 030210**



**Clamp for rebasing (aluminium and stainless steel)**

**Ref. 030220 = AP**

**Ref. 030230 = I**

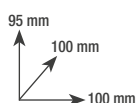
**Ref. 030240 = AG**

## Verticulator Handy Basic

**Ref. 130100**

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

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



Ref. 130102



Ref. 130104

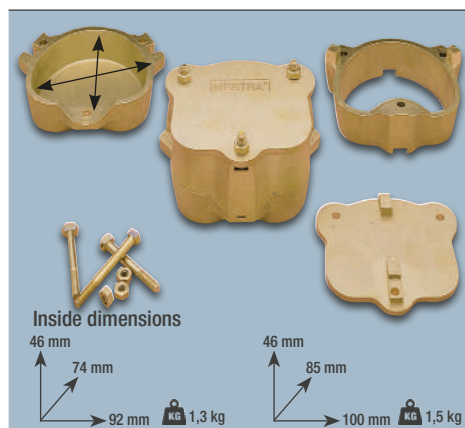


Ref. 130106



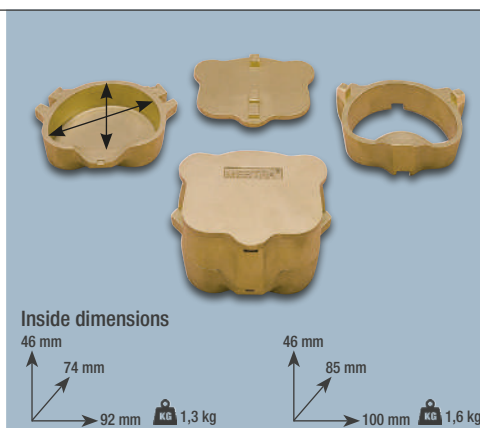
Ref. 130108





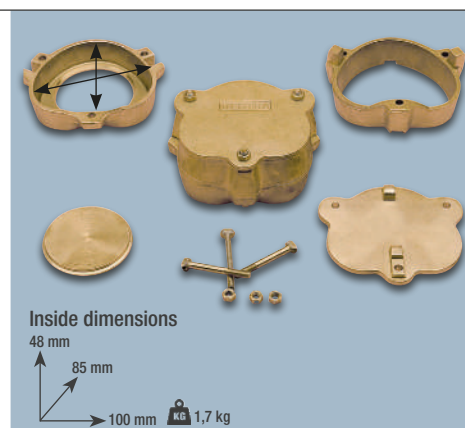
**Flask with screws**

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



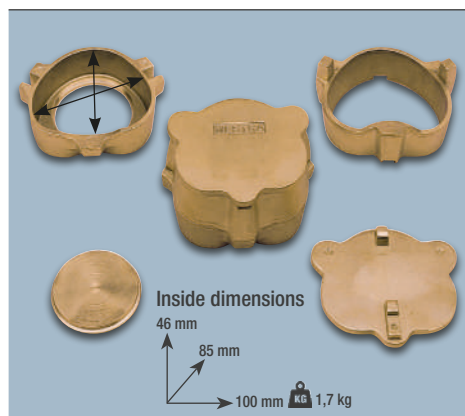
**Screwless flask (for clamp)**

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



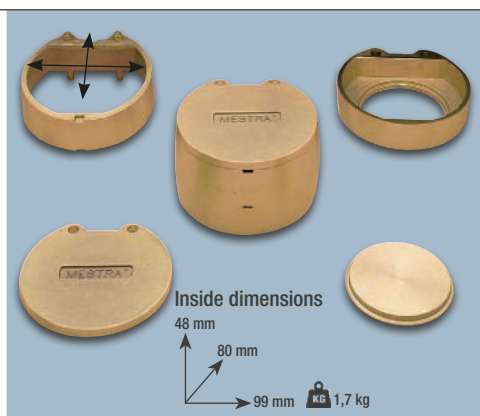
**Flask with screws (with ejector)**

**Ref. 020060**



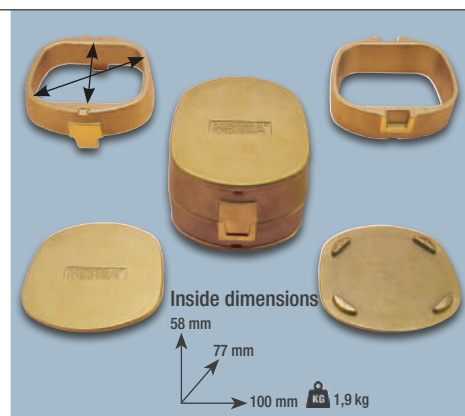
**Screwless flask (with ejector)**

**Ref. 020070**



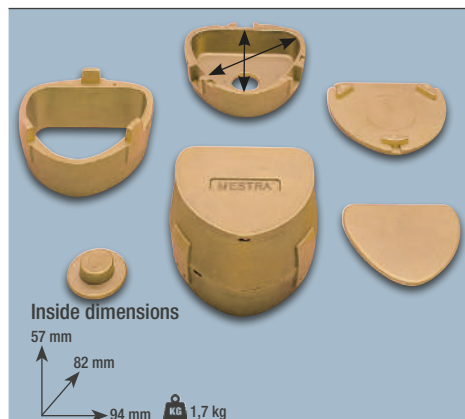
**Round flask**

**Ref. 020080**



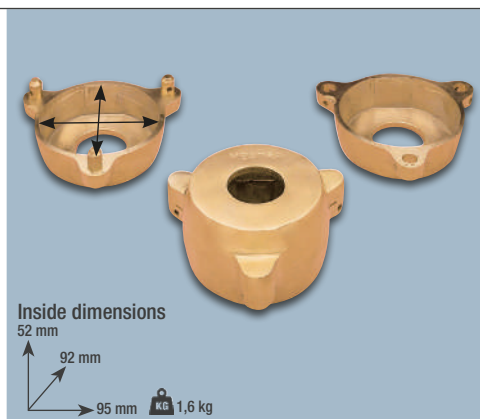
**Square flask**

**Ref. 020090**



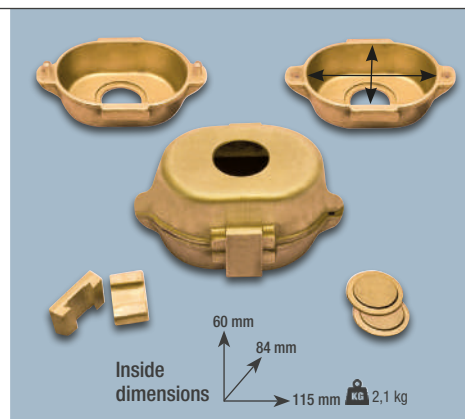
**Triangular flask**

**Ref. 020100**



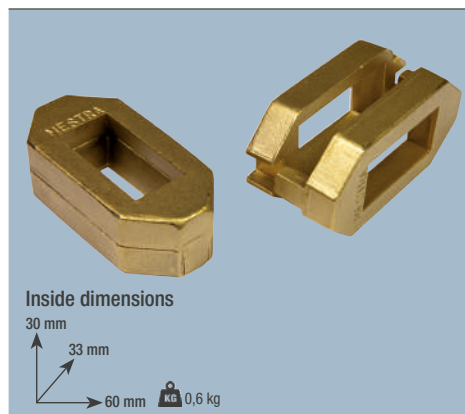
**Flask with three pins (for clamp)**

**Ref. 020130**



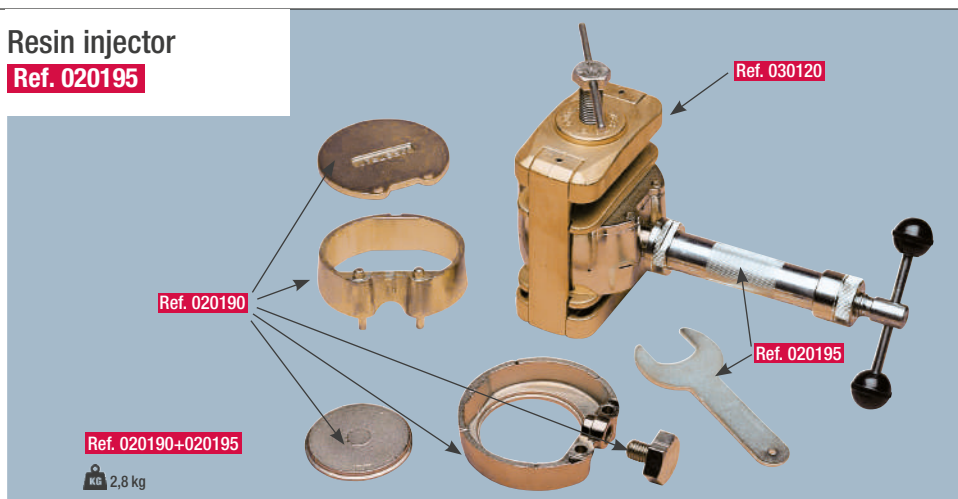
**Flask with two pins and wedges**

**Ref. 020135**

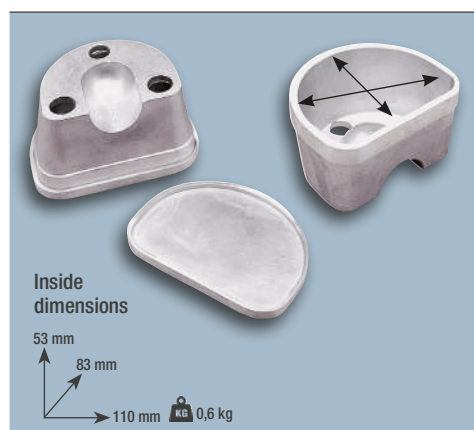


**Flask for bridges**

**Ref. 020140**

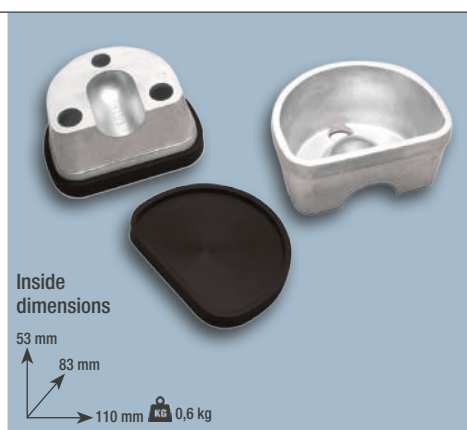


# Polymerizing



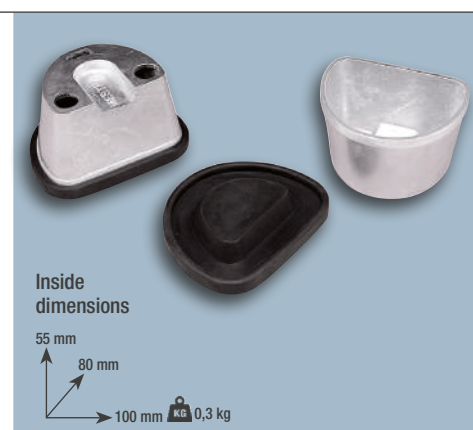
**Flask (large)**

**Ref. 020150** Material: Aluminium



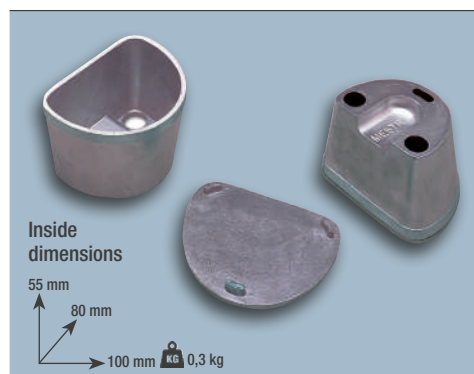
**Flask (large)**

**Ref. 020151** Material: Aluminium and rubber



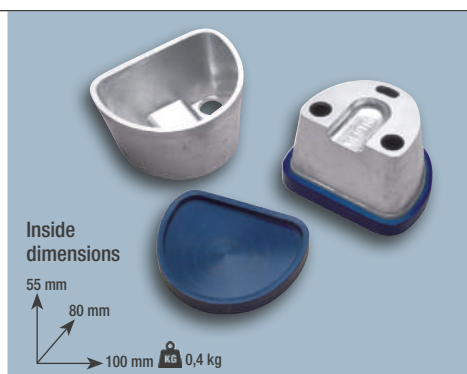
**Flask (small)**

**Ref. 020160** Material: Aluminium and rubber



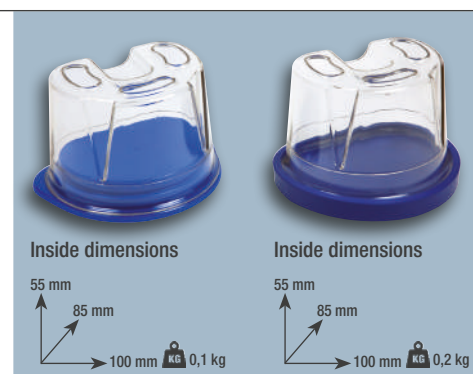
**Flask (small)**

**Ref. 020170** Material: Aluminium



**Flask (small)**

**Ref. 020171** Material: Aluminium and rubber



**Flask**

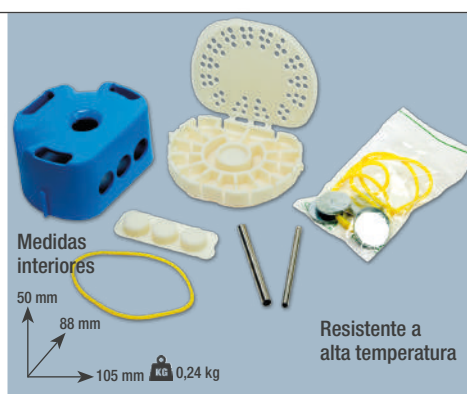
**Ref. 020180** Material: Polycarbonate

**Ref. 020185** Material: Polycarbonate and rubber



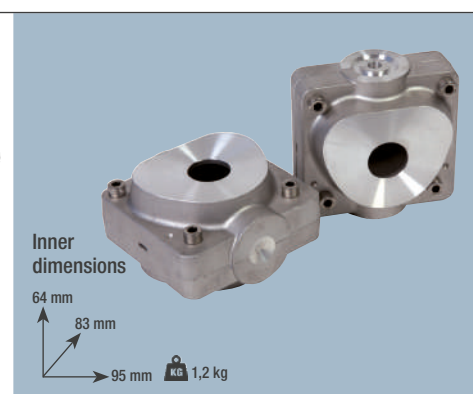
**Flask duplicating (for silicone)**

**Ref. 020186** Material: Polycarbonate



**Pouring for flask**

**Ref.020202** Material: Plastic



**Flask (for injecting polyamides)**

**Ref. 020210** Material: Aluminium



**Flask for micro-wave oven**

**Ref. 020208** Material: Plastic



**Flask for duplicating (with alginate)**

**Ref. 020205 - Ref. 020206** Material: Metal and rubber



# Casting, centrifuges and furnaces

## 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.

|               |                    |
|---------------|--------------------|
| Voltage       | 230 V 50/60 Hz     |
| Power         | 16 A (aprox.)      |
| Melting power | 2,6 kW 100 kHz     |
| Water supply  | 2 l./Min. (aprox.) |

(L) 700 x (W) 670 x (H) 700 mm | 72 kg

### Cabinet for Vestacast (stainless steel)

**Ref. 040062**



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



(L) 740 x (W) 680 x (H) 520 mm | 16,1 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.

## 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



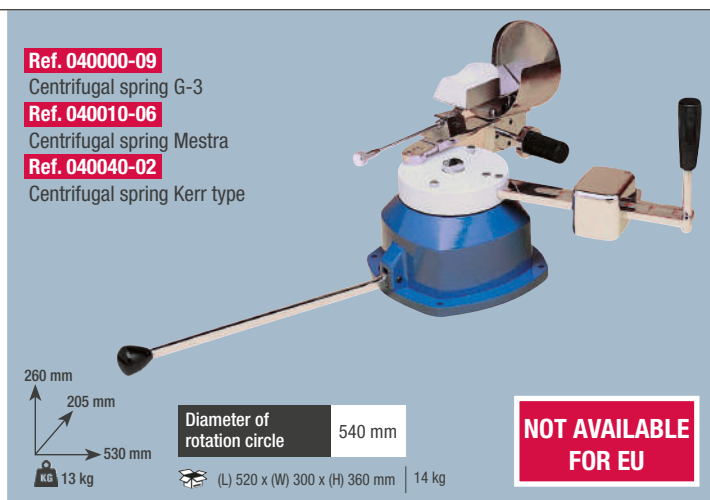
|                                     |                    |
|-------------------------------------|--------------------|
| Dimensions                          | 330 x 600 x 560 mm |
| Weight                              | 40 kg              |
| Voltage                             | 230 V 50/60 Hz  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

## 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.



### Cabinet for casting machine

(stainless steel) **Ref. 040065**

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



# Casting, centrifuges and furnaces

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<br>040526 = A<br>040527 = B | DUCATRON FOR CAP GRAPHITE CAP CARBON CAP | 74 | 47 | 53 | 46 | 38 | 91        | Para oro     |           |
| 15  |                                    | KRUP                                     | 70 | 44 | 61 | 43 | 35 |           | 040587       | 73        |

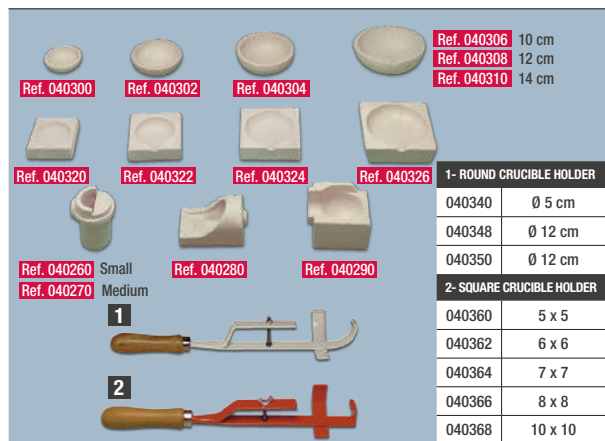
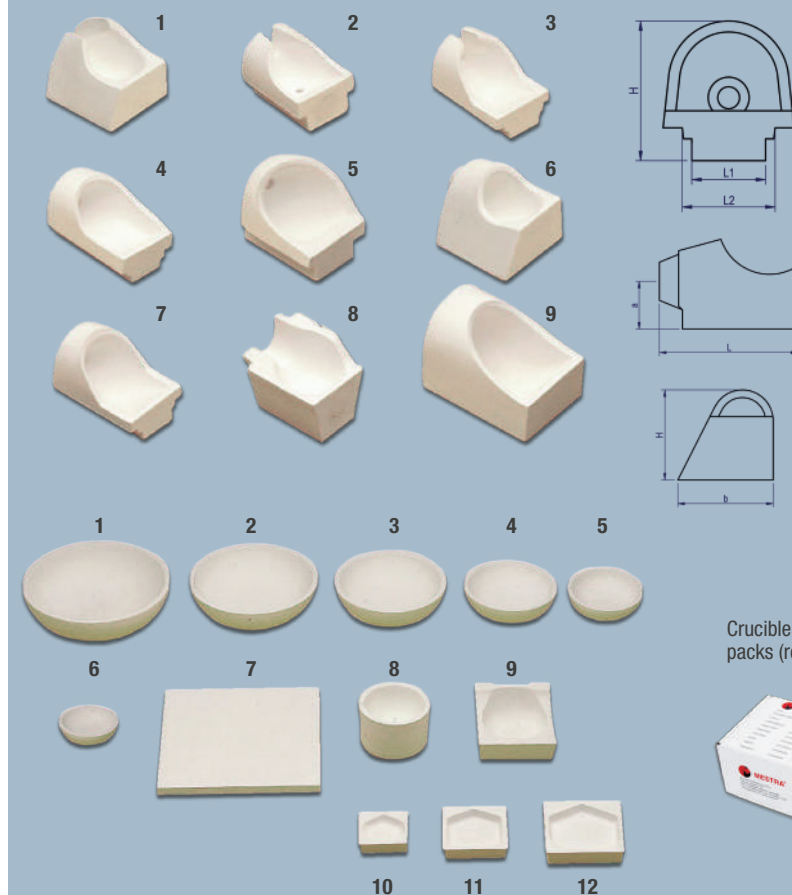
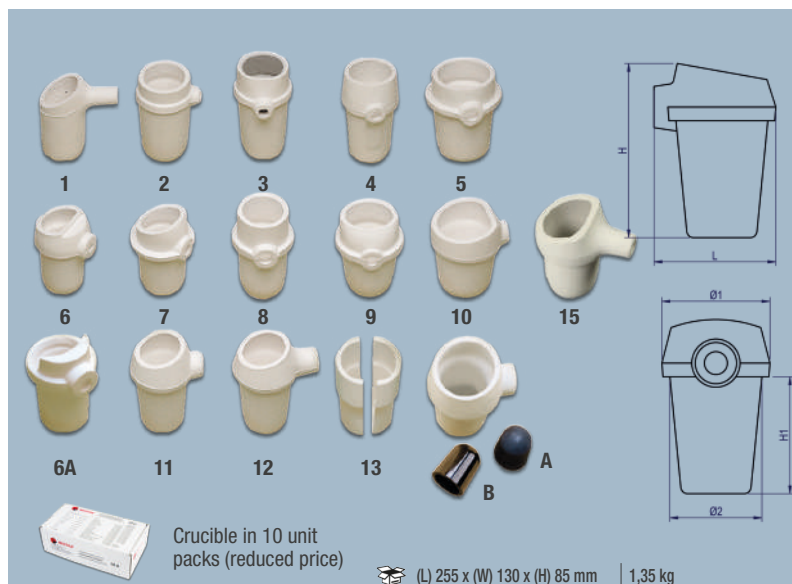
\*Boxes of 10 units have "-10" at the end of the reference number. Example: 040548-10

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

\*Boxes of 10 units have "-10" at the end of the reference number. Example: 040530-10

| 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       |

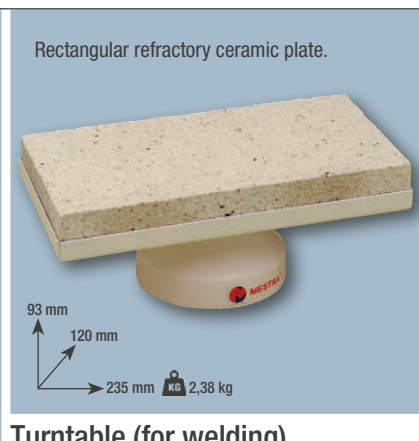
(L) 255 x (W) 130 x (H) 85 mm | 1,35 kg



Crucibles and crucible holders



Accessories



Turntable (for welding)  
Ref. 040500

# Casting, centrifuges and furnaces

## Pre-heating furnaces

HP25 **Ref. 080142**

HP50 **Ref. 080144**

HP100 **Ref. 080148**



Extremely high performance pre-heating furnace family, composed of three models with different muffle capacity (2.5, 5 and 10 litres). Made of stainless steel, the most convenient material for the extraordinary thermic requirements this kind of devices has to bear. The high quality of the muffle ensures an exceptionally long working life, even when continuously working at temperatures near 1100 °C. When the thermocouple fails, the electronic control will announce it. This element is very economical and easy to replace by the user himself. On the other hand, the electronic control allows the programming of cycles composed of multiple parameters; you can define ramps and plateaus with temperatures, maintenance times, heating in a determined time or in degrees per minute. The memory can store up to twenty different programmes. The furnace is factory supplied with a ceramic tray.



## Pre-heating furnaces Vulcano

HP25 **Ref. 080133**

HP50 **Ref. 080135**

HP100 **Ref. 080139**



The Vulcano family of furnaces has been developed as an economical alternative to MESTRA's standard ovens. The only difference between a Vulcano oven and its equivalent in the standard range is in the electronic control, keeping the rest of the components and functions. Its LCD screen provides all the information necessary for programming and job monitoring. The Vulcano benefits and characteristics perfectly fit the needs and expectations of most users at a very attractive price. The Vulcano line is available for all sizes of MESTRA furnaces.

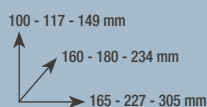
| Model                     | HP25   | HP50   | HP100  |
|---------------------------|--------|--------|--------|
| Height                    | 465 mm | 500 mm | 525 mm |
| Width                     | 335 mm | 375 mm | 440 mm |
| Depth                     | 340 mm | 405 mm | 490 mm |
| Weight                    | 30 kg  | 40 kg  | 57 kg  |
| Voltage                   | 230 V  | 230 V  | 230 V  |
| Power                     | 1500 W | 2000 W | 3000 W |
| Max. temperature          | 1100°C | 1100°C | 1100°C |
| Cylinder capacity 80 Ø mm | 2-3    | 4-6    | 8-12   |

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



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

Dimensions of the muffles:



Furnace internal tray:

| HP 25     | HP 50     | HP 100    |
|-----------|-----------|-----------|
| 145 x 145 | 160 x 195 | 212 x 270 |

## 50D Pre-heating furnace

**Ref. 080130**

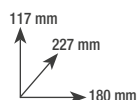


Perfect for tasks that do not require a classic programming cycle with ramps and plateaus. Just set the target temperature, and the oven will start heating directly to the final temperature. Upon reaching it, it is maintained for the programmed time. Its digital control ensures temperature accuracy and prevents the effects of thermal inertia.

It has a connection for an external catalyst, so it operates from the beginning of the cycle until the disconnection temperature set by the user.

Muffle capacity: 4.8 litres (for 4 to 6 cylinders of Ø 80).

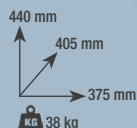
### Dimensions of the muffles



Capacity in litres: 4.8  
Vent hose: Ø 38 mm

|                  |        |
|------------------|--------|
| Furnace power    | 2000 W |
| Max. temperatura | 1100°C |

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



# Casting, centrifuges and furnaces

## 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.

|         |                 |
|---------|-----------------|
| Voltage | 230 V, 50/60 Hz |
| Power   | 750 W           |

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



## Smoke extractor (for furnaces)

**Ref. 080125**

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

|            |                    |
|------------|--------------------|
| 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**

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





# Casting, centrifuges and furnaces



## Casting rings and cones

### CASTING RINGS

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



## Casting rings and cones

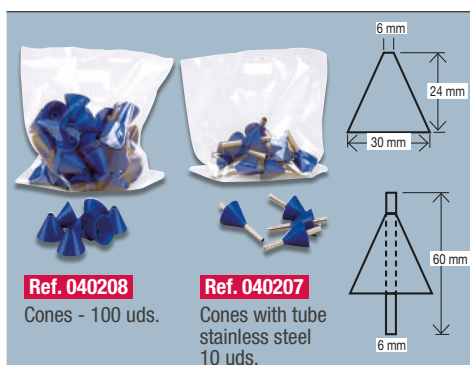
### CASTING RINGS

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

### CONES



## Plastic casting rings



## Polyethylene cones

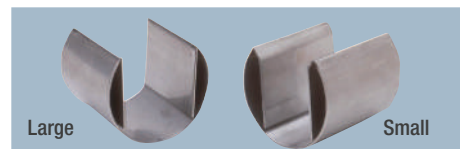
Injected polyethylene cones for the duplication technique in removable chrome cobalt prostheses. Waste-free calcination.



## Silicone casting rings

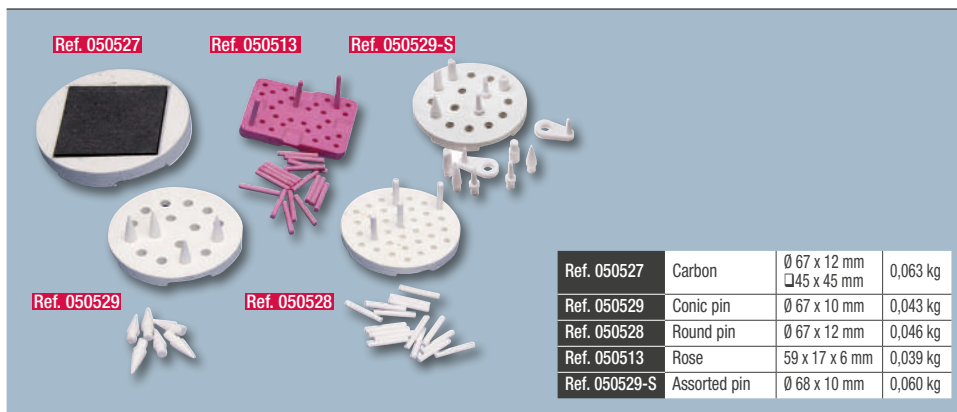


## Silicone casting rings (oval)

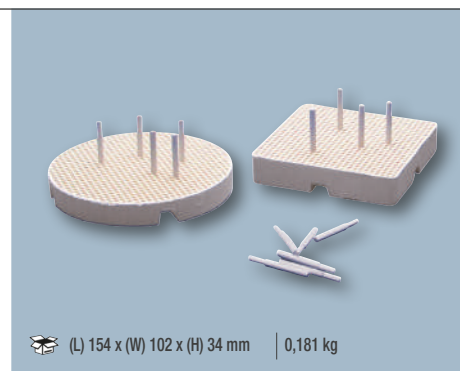


## Oval casting ring adapter (for casting machine)

Ref. 040169 2 unit set

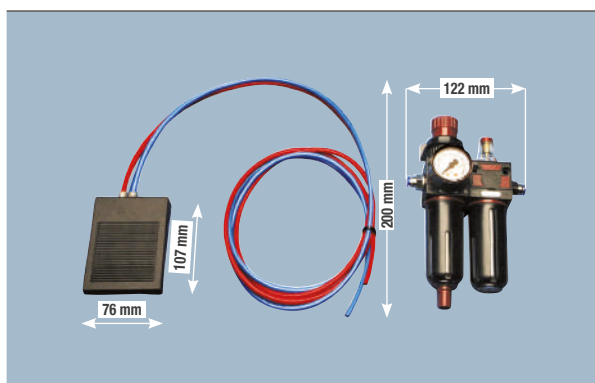


## Trays for furnace



## Set of ceramic firing trays

Ref. 050530

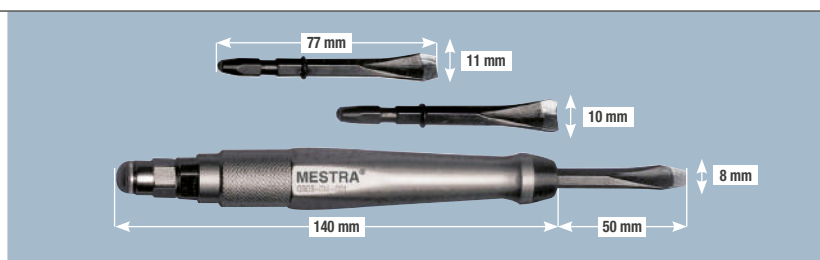


## Pneumatic chisel starting pedal

Ref. 050552

## Filter regulator

Ref. 050551



## Pneumatic chisel

Ref. 050550

Essential tool for a quick cleaning off of models. It has air flow regulation; ergonomic shape; made in corrosion-free materials; small size. It has been designed to reduce vibrations and sound level to a minimum level.

Three chisel heads with different sizes and shapes are included. There is also a Filter Regulator and Oiler Attachment Kit and a Starting Pedal. The air connection hose is Ø 6 mm.

# Blasting, polishing and finishing



## TITAN 8 steam cleaner

**Ref. 100202**

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

|            |                    |
|------------|--------------------|
| 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                |

### Professional use

- ✓ 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.

## TITAN AUTOFILL steam cleaner

**Ref. 100203**

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

|            |                    |
|------------|--------------------|
| 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**

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.

|                |                    |
|----------------|--------------------|
| 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                |

### Professional use

**It is MANDATORY to use distilled water**



## Additional information: 100202, 100203, 100204

They are supplied with the following accessories:

- ✓ Power cord with built-in protection.
- ✓ Fine and long replacement nozzle.
- ✓ Replacement safety cap and 2 gaskets.
- ✓ Funnel and measuring cup (300 ml).

In models with direct connection to the water intake: Necessary hoses for water inlet/outlet connection.

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



Citric acid

**Ref. 100210-01**

Ref. 100202

- ✓ Manual filling.

Ref. 100203

- ✓ Manual filling.
- ✓ Autofill without having to the plug to be released (external bottle).

Ref. 100204

- ✓ Manual filling.
- ✓ Autofill without previous cooling (integrated tank).
- ✓ Direct water net connection.

# Blasting, polishing and finishing

## Altamira steam cleaning box

**Ref. 080600**

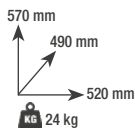
No one questions the need and importance of steam cleaning in the dental laboratory. Nor does anyone doubt its consequences: Dirt in sinks, humidity in the environment, condensation on walls and floors.

And all this leaving aside the high price that this type of equipment had until now.

At MESTRA we have worked hard to make these inconveniences simply disappear by using the Altamira steam cabin, the essential complement to any steam cleaning machine.

- ✓ Carefully designed deflector frame.
- ✓ Two powerful, low-consumption bulbs.
- ✓ Double filter system. Can be cleaned and reused several times.

|          |                |
|----------|----------------|
| Capacity | 8 l.           |
| Voltage  | 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



## Box spray application

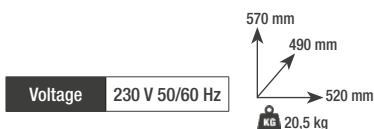
**Ref.080602**

Altamira cleaning chamber specially adapted for the application of the matting spray on models, prior to scanning.

The equipment requires an external suction (not included) that evacuates a strong flow of air from the inside of the chamber, preventing the spray from dirtying or contaminating the air in the work environment. It is also very useful for cleaning the metal dust left on the milling machine discs.

The suction power supply can be connected to the power socket located at the back of the box, so that they work in a synchronized manner.

- ✓ Manufactured on a robust polypropylene frame.
- ✓ Marco deflector.
- ✓ Two powerful, low-consumption bulbs.
- ✓ Double filter system. Can be cleaned and reused several times.



|         |                |
|---------|----------------|
| Voltage | 230 V 50/60 Hz |
|---------|----------------|

(L) 620 x (W) 530 x (H) 630 mm | 27 kg | 23,5 kg





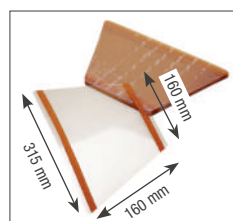
# Blasting, polishing and finishing

## Sandblaster Planetarium Plus IV

**Ref. 080246** (with heater)

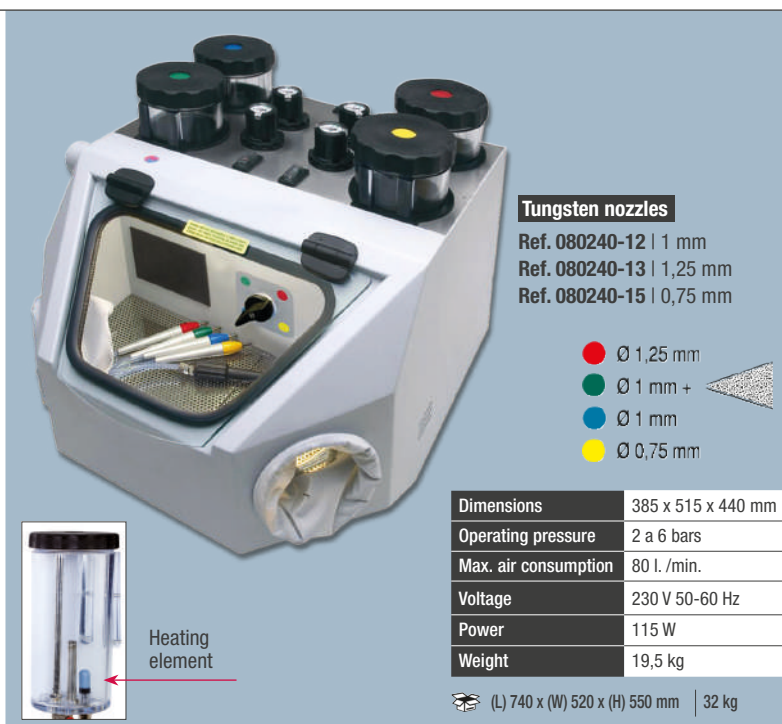
High quality sandblasting machine. It has four tanks, each one with an independent pressure gauge and pressure control system, which provides great accuracy in fine blasting. A heating system located in each of the tanks keeps the sand free of humidity, thus preventing the appearance of lumps in the 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.



**Ref. 080242-50**

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



### Tungsten nozzles

Ref. 080240-12 | 1 mm  
Ref. 080240-13 | 1,25 mm  
Ref. 080240-15 | 0,75 mm

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



**Ref. 080235-50**

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



**Ref. 080235-50**

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

## Sandblaster Galaxy

**Ref. 080235**

Sandblaster totally made in stainless steel. It has a removing spinning basket for the automatic skeletons blasting, and a 3 mm. diameter static nozzle. In the automatic performance mode, the basket spins and the nozzle blows for a time -set by the user- between one up to 30 minutes. Also it is possible to blast in a mode just pressing a button.

The sand tank is 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 Ref. 080235-25**) a material with more much abrasion resistance than the traditional tungsten; and with two plastic foils to protect the glass.

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

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

## Sandblaster Cosmos

**Ref. 080233**

Based on the popular MESTRA's Galaxy model, the COSMOS sandblaster includes two micro-blasting nozzles similar to those used in the Constellation model, becoming a unique and powerful device with a 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 (**Ref. 080235-25**)
- ✓ Mobile guns with 1 and 1,25 mm. NOZZLES

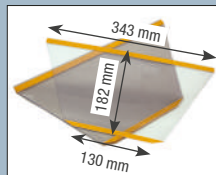
|                      |                    |         |                |
|----------------------|--------------------|---------|----------------|
| Dimensions           | 550 x 500 x 430 mm | Voltage | 230 V 50-60 Hz |
| Operating pressure   | 2 a 5 bares        | Power   | 10 W           |
| Max. air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

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

# Blasting, polishing and finishing



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



**Ref. 080253-50**

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

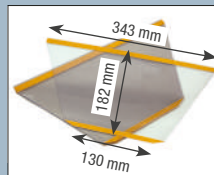
(L) 490 x (W) 475 x (H) 490 mm | 9,5 kg



|                      |                    |
|----------------------|--------------------|
| 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               |



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



**Ref. 080253-50**

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

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



|                      |                    |
|----------------------|--------------------|
| 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               |

## Sandblaster Plutón (stainless steel)

**Ref. 080253** 2 tanks

## Sandblaster Plutón (stainless steel)

**Ref. 080254** 1 tank

## Sandblaster Constellation (stainless steel)

**Ref. 080262** 2 tanks

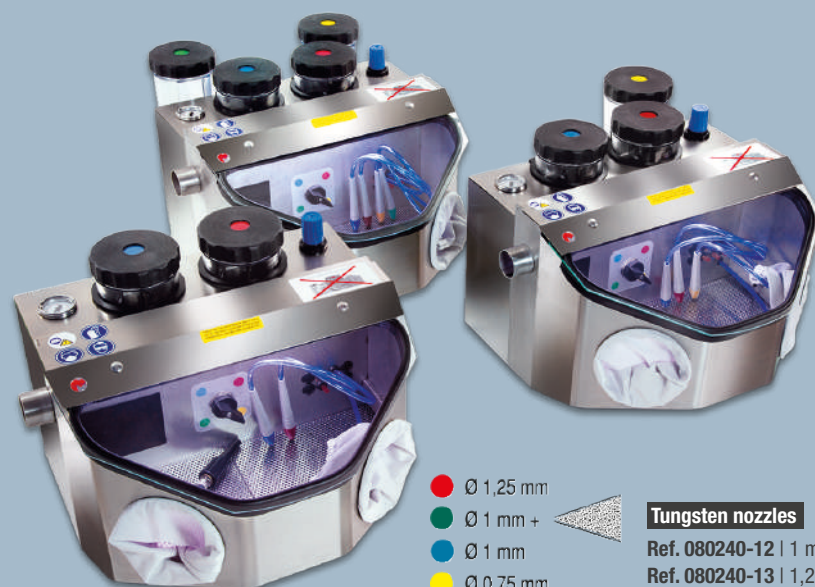
**Ref. 080263** 3 tanks

**Ref. 080264** 4 tanks

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

### Tungsten nozzles

**Ref. 080240-12** | 1 mm

**Ref. 080240-13** | 1,25 mm

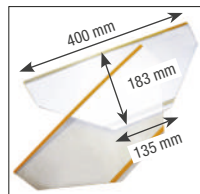
**Ref. 080240-15** | 0,75 mm

## Sandblaster Constellation (Epoxy paint)

**Ref. 200262** 2 tanks

**Ref. 200263** 3 tanks

**Ref. 200264** 4 tanks



**Ref. 080262-50**

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

### Tungsten nozzles

**Ref. 080240-12** | 1 mm

**Ref. 080240-13** | 1,25 mm

**Ref. 080240-15** | 0,75 mm

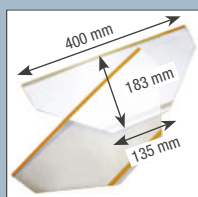
|                      |                                |
|----------------------|--------------------------------|
| Dimensions           | 315 x 300 x 440 mm (3-4 tanks) |
| Operating pressure   | 2 a 5 bars                     |
| Max. air consumption | 80 l/min.                      |
| Voltage 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

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





# Blasting, polishing and finishing



**Ref. 080262-50**

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



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

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



**NEW**



|                      |            |
|----------------------|------------|
| Operating pressure   | 2 a 5 atm. |
| Max. air consumption | 80 l /min  |
| Inside light         | LED        |



## Sandblaster Constellation Practic (Epoxy paint)

**Ref. 080259** 2 tanks

## Eclipse I sandblaster

**Ref. 080221** 1 tanks

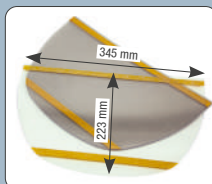
## Eclipse II sandblaster

**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.



**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           | 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**

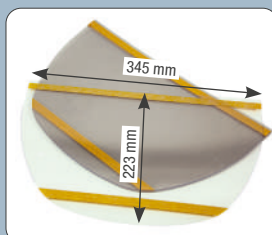
Same characteristics as **Eclipse II**.

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

**Ref. 080270-26**

3 mm tungsten (widia) nozzle

|                      |                    |
|----------------------|--------------------|
| 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             |



**Ref. 080220-12**

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



**NEW**



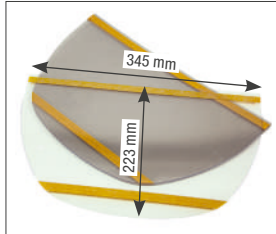
# Blasting, polishing and finishing

## Eclipse II-T sandblaster

**Ref. 080228**

Same characteristics as **Eclipse II**.  
With a large sand hopper and a 3 mm static gun.

**Ref. 080270-26** 3 mm tungsten (widia) nozzle



**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.



|                      |                    |
|----------------------|--------------------|
| 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             |

Hopper capacity up to 8 kg of sand.



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

# Blasting, polishing and finishing

## 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:

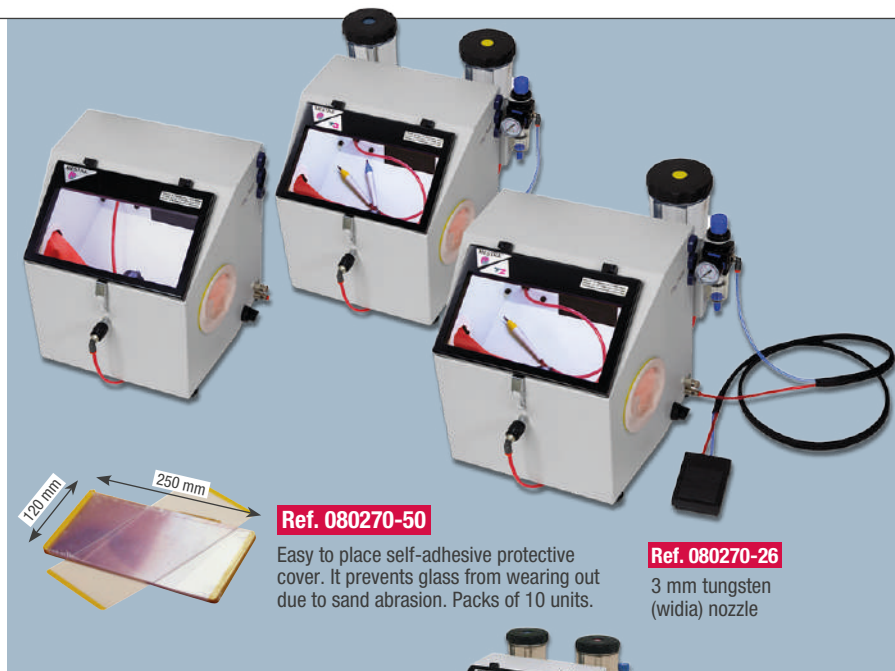
**TERRA I** - It features just a fixed nozzle.

**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         | Consump. | LED 6 W        |
| Max. air consump.  | 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.

Ref. 080270-26

3 mm tungsten (widia) nozzle

## T1, T2, T3 sandblasters

**T1** Ref. 080270 **T2** Ref. 080280

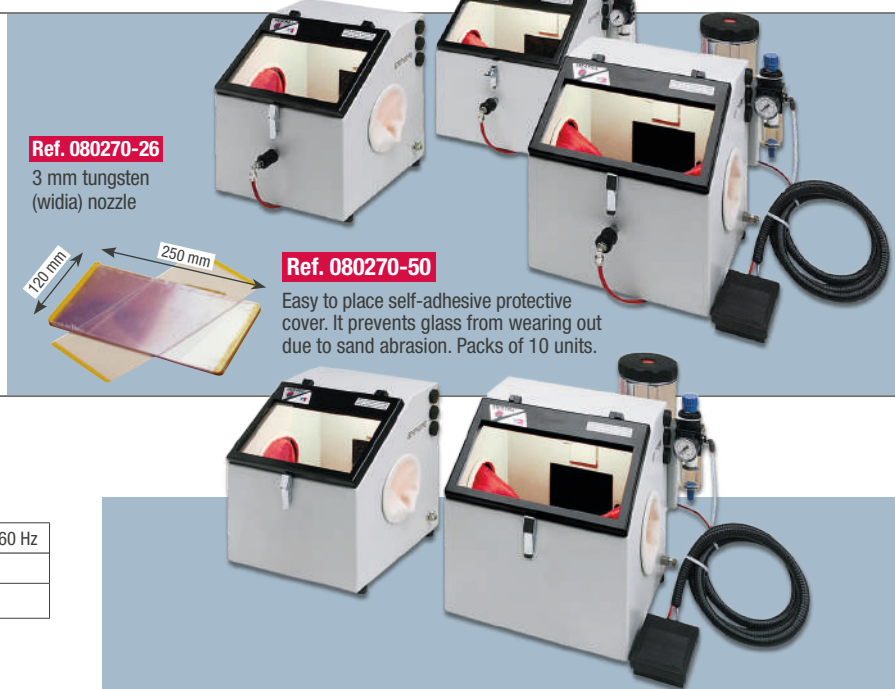
**T3** Ref. 080290

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. 080270-26

3 mm tungsten (widia) nozzle

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.



This model is for dental laboratory use; it cannot be used for intraoral applications.

Included

Midwest connection

## Microblasting unit (Laboratory)

Ref. 100122

They are essential when cleaning and degreasing microretentions, crowns, occlusal sandblasting, adjustment of interproximal contacts and a great many other precise sandblasting operations.

|          |                             |
|----------|-----------------------------|
| Oxide    | 50/100 microns              |
| Pressure | 4 a 5,5 kgf/cm <sup>2</sup> |

# Blasting, polishing and finishing



Ref. 080315-25 (25 kg)  
Ref. 080316-25 (25 kg)  
Ref. 080317-25 (25 kg)  
Ref. 080318-25 (25 kg)



## Glass microsphere (3 kilos)

Ref. 080312 50 µm

The spheres have great uniformity in size and resistance to impact, avoiding breakage. 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.



(L) 49 x Ø 33 mm | 0,01 kg

Ref. 050586-01

Three replacement upper caps for sandblasting microchamber.

## Aluminium oxide (4 kilos)

Ref. 080315 50 µm

Ref. 080316 100 µm

Ref. 080317 150 µm

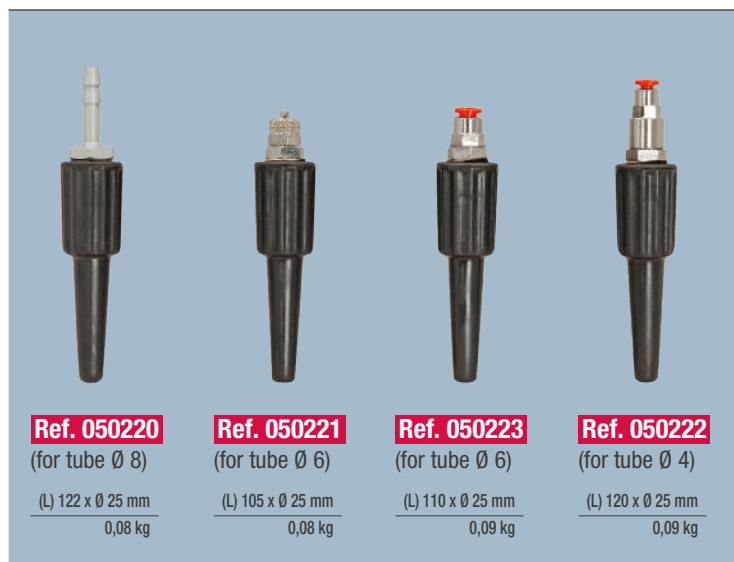
Ref. 080318 250 µm

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.

## Microchamber for automatic sandblasting of metallic structures

Ref. 050586



Ref. 050220

(for tube Ø 8)

(L) 122 x Ø 25 mm

0,08 kg

Ref. 050221

(for tube Ø 6)

(L) 105 x Ø 25 mm

0,08 kg

Ref. 050223

(for tube Ø 6)

(L) 110 x Ø 25 mm

0,09 kg

Ref. 050222

(for tube Ø 4)

(L) 120 x Ø 25 mm

0,09 kg



210 mm  
230 mm  
360 mm  
1,5 kg

(L) 520 x (W) 300 x (H) 355 mm | 3 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.

## Pressure air nozzle



Ref. 080220-12

Plastic protector.

Height 275 mm

Width 360 mm

Depth 330 mm

Weight 2,8 kg

(L) 480 x (W) 370 x (H) 320 mm | 3,8 kg

## Finishing box Eclipse

Ref. 080216

Similar in dimensions, purpose and appearance to the Orion (Ref. 080214), but with a more closed design. 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.



Ref. 080220-12

Plastic protector.

Height 275 mm

Width 360 mm

Depth 330 mm

Weight 2,8 kg

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

## Finishing box Eclipse

with built-in suction Ref. 080217

This box has similar features to the "Eclipse revision booth" (Ref. 080216), but with the peculiarity 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.



# Blasting, polishing and finishing

## 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.



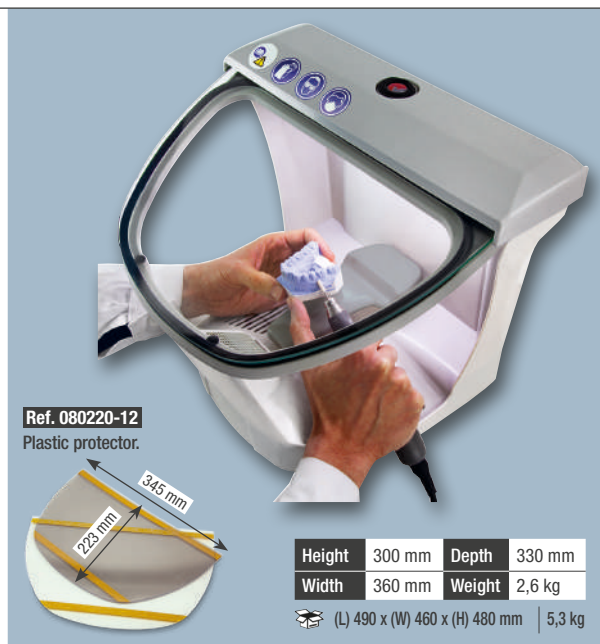
The hood is connected to an external suction tube through a pivotable outlet. Detachable boxes collect the dust that could fall through the hand rests.



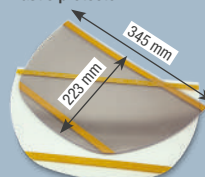
Docking coupling with Jeb type suction.



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



**Ref. 080220-12**  
Plastic protector.



|        |        |        |        |
|--------|--------|--------|--------|
| 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

## Work station

**Ref. 080195**

Workstation specifically designed to meet the demands of trimming, finishing, and polishing. Features an enameled steel structure combined with a high-quality wooden countertop. A spacious, robust, and perfectly illuminated station for precise and comfortable work. Includes the RENHE 119 carbon brush handpiece.

**SUCTION SYSTEM:** Incorporates a dual suction system (upper and lower)

- ✓ Foot pedal for handpiece and suction activation.
- ✓ Micromotor panel with speed control and change of handpiece rotation direction.
- ✓ Wooden bench pin with adjustable angle for improved ergonomic posture.
- ✓ Organization: Two central drawers and one lateral drawer for efficient storage.

**Power** 650 W **Voltage** 220 V

**Suction** 172 m³/h **Noise level** 68Db

**Micromotor power** 40 W

### HANDPIECE RENHE 11

**Speed** 35.000 rpm **Power** 65 W

**Torque** 2,8 n-cm **Plier** Ø 2,35 mm

**Weight** 200 g (wire not included)



**Ref. 080534-12**  
Plastic protector.

## Small finishing box

**Ref. 080534L**

Dental laboratory cleaning box fully compatible with the Sirocco S benchtop unit (Ref. 080534), with which it forms a very compact and balanced system. The box can also be used independently thanks to its unique design.

- ✓ Spacious and robust design perfect for the laboratory.
- ✓ LED lamp for perfect illumination.
- ✓ Comfortable and practical armrests.



**Ref. 080212-12**  
Plastic protector.

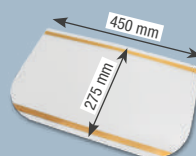
## Large finishing box

(designed for zirconium) **Ref. 080212**

Fully compatible with the Sirocco M and L suction units 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.

- ✓ Spacious and robust design.
- ✓ Multiple noise reduction and filtration design.
- ✓ Powerful integrated dust extraction motor.
- ✓ Large display and easy access.
- ✓ Interior LED lighting for perfect illumination.
- ✓ Excellent ergonomics.
- ✓ Comfortable and practical armrests.



**Ref. 080213-50**  
Plastic protector.



## Large finishing box with suction

**Ref. 080213**

**NEW**

# Blasting, polishing and finishing

## 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.

**Ref. 080500-05** Filter  
**Ref. 080500-20** Right brush holder  
**Ref. 080500-21** Left brush holder  
**Ref. 080500-38** Right stone holder

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

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



## Box with suction for polishing

**Ref. 080502**

This box with suction for polishing gives excellent value for money, and provides an economical way to adapt laboratory polishers to safety standards. It features a suction and filter unit, lighting system, polycarbonate protective screens and a Schuko type power connection with a manual safety reset to prevent unexpected start-ups (EC standards).

The body is made of high-strength polypropylene, combined with a steel chassis to form a highly robust unit. This also eliminates the corrosion problems to which machines of this type are prone.

The body can also be used with all models of polisher, though it is intended principally for use with MESTRA models. Its ergonomic design makes polishing and changing the filter simple and comfortable.

The machine is supplied with two rubber screens. As an option, it can be supplied with Ref. 080150, Ref. 080160 or Ref. 080162 polishers screwed to its base.

|               |                |
|---------------|----------------|
| 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



## Polisher with suction

(centralized)

**Ref. 080501**

Similar characteristics to those of the Polisher Box with Aspiration Ref. 080500 but without aspiration motor nor filtering system, so it is necessary to connect it to an external equipment of centralized aspiration.

This machine is supplied with two inlets for tubes of Ø 40 mm at the rear.



## Box with suction for polishing (centralized)

**Ref. 080504**

Similar characteristics to those of the box with suction for polishing but without suction motor nor filtering system, so it is necessary to connect it to an external equipment of centralized suction.

This machine is supplied with two inlets for tubes of Ø 40 mm at the rear.



## Polishing Mini Box Gorbea

**Ref. 080508**

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

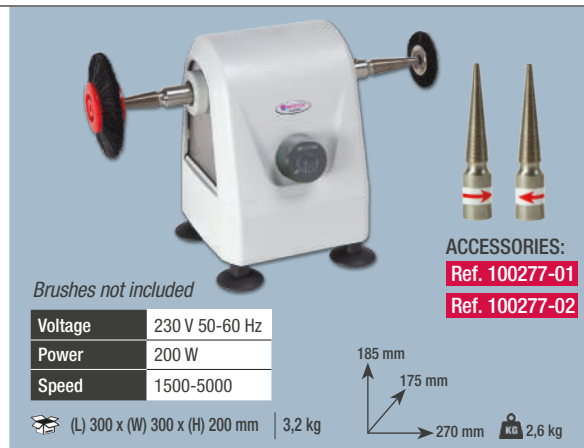
- ✓ High torque motor.
- ✓ Variable speed up to 5000 rpm.
- ✓ Connection to external suction.
- ✓ LED lighting.
- ✓ Protection screens.
- ✓ Safety switch against sudden start.
- ✓ Excellent stability.



*Brushes not included*

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

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



*Brushes not included*

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

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

ACCESSORIES:

**Ref. 100277-01**

**Ref. 100277-02**

## Mini polisher (Variable speed)

**Ref. 080164**



# Blasting, polishing and finishing

## Polishing Mini Box

**Ref. 080509**

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

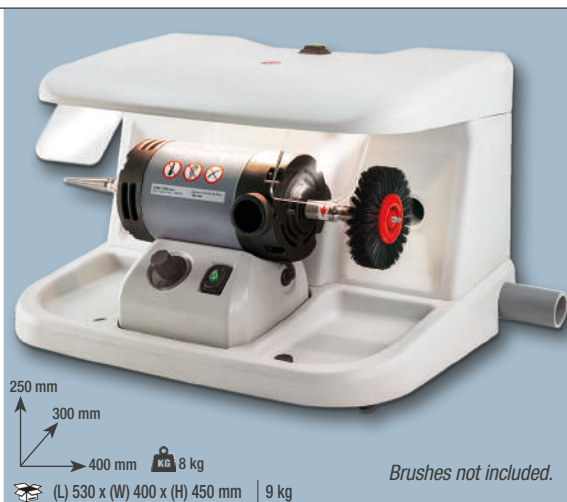


ACCESSORIES:

**Ref. 080509-02**

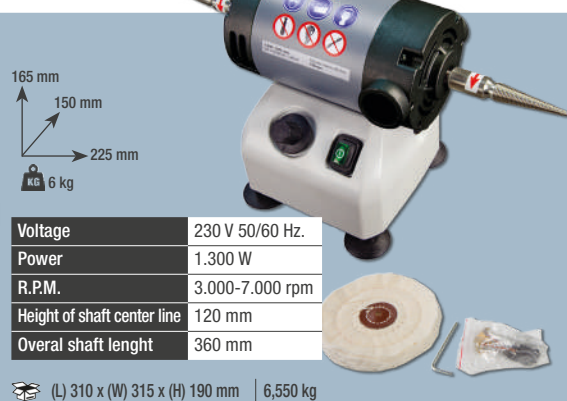
**Ref. 080509-03**

|         |                |
|---------|----------------|
| Voltage | 230 V 50-60 Hz |
| Power   | 1.300 W        |
| Speed   | 3500-7000      |



## Mini polisher (variable speed)

**Ref. 100276**



## 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.



## Polishing lathe

**Ref. 080150** 1 single speed

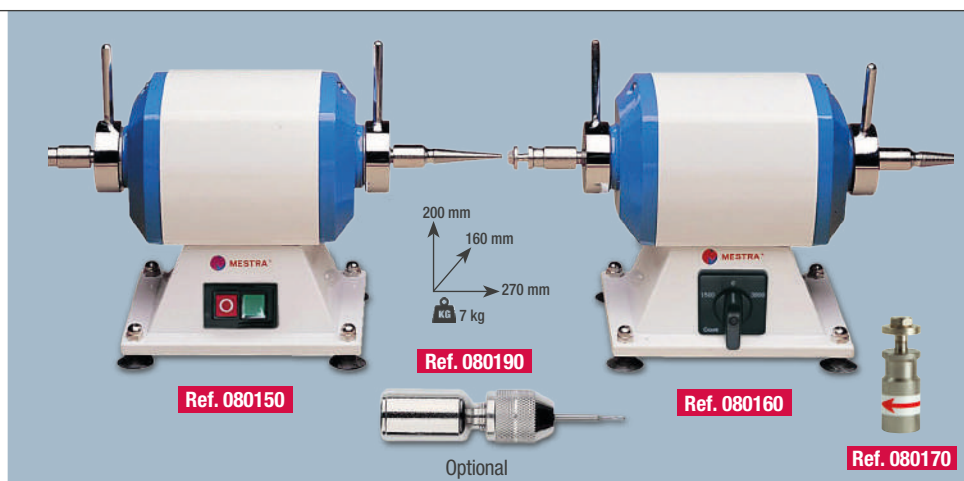
**Ref. 080160** 2 double speed

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



## 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**

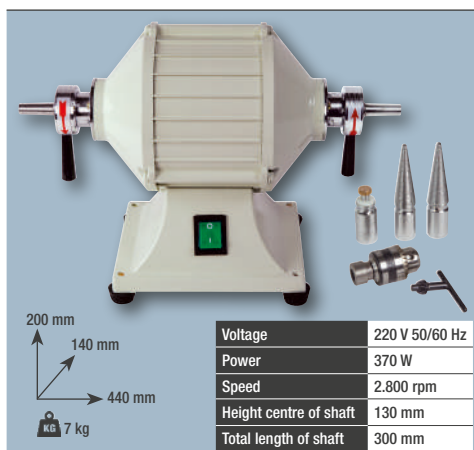
Blind. No hole for air suction hose.

(L) 300 x (W) 190 x (H) 270 mm | 1,43 kg





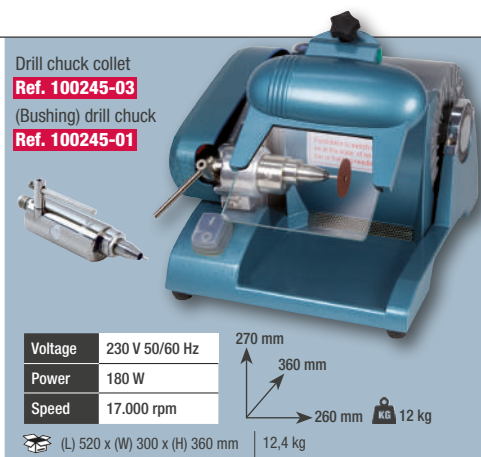
# Blasting, polishing and finishing



Polishing lathe Import **Ref. 100274**

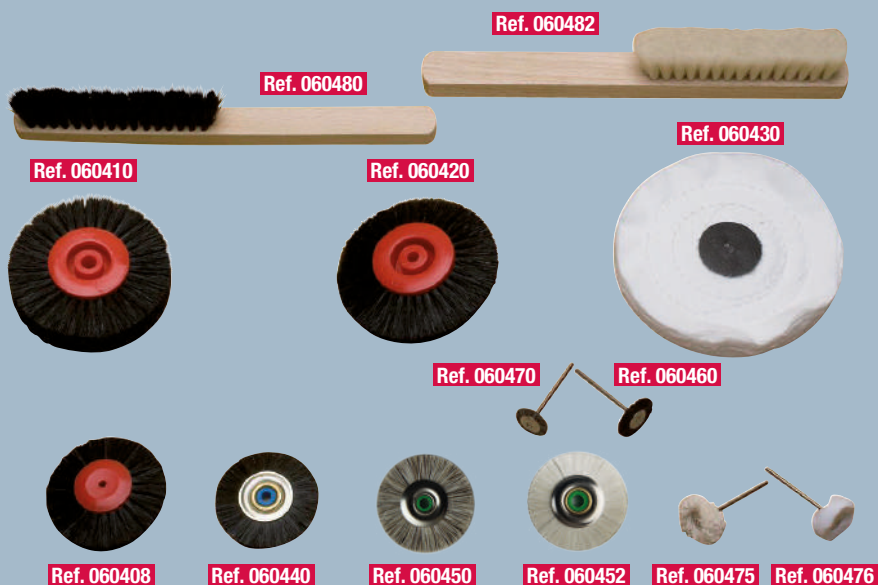


Variable speed mini polisher **Ref. 100277**

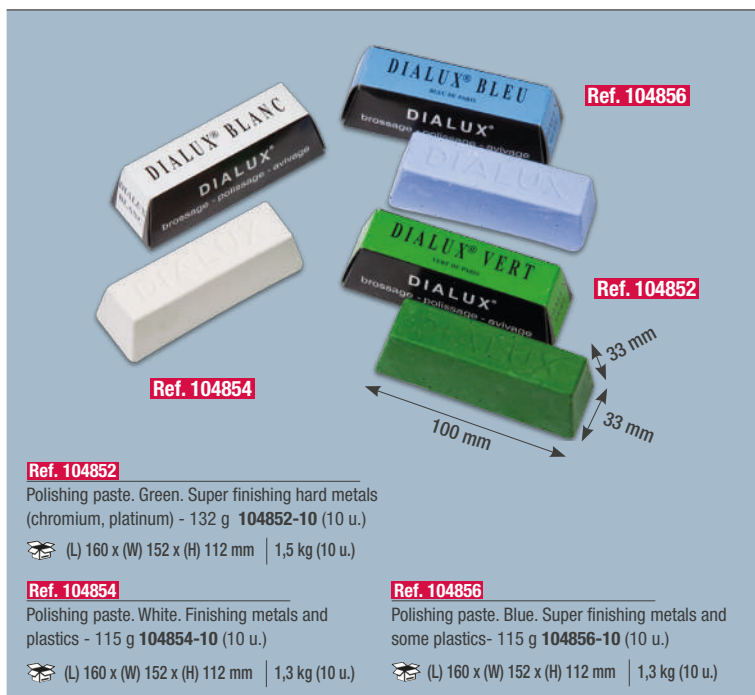


High speed polisher **Ref. 100245**

|             |                                                                    |
|-------------|--------------------------------------------------------------------|
| 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)                        |



## Brushes and fabric discs



Polishing paste (high shine)



Felt discs and cones

# Blasting, polishing and finishing

## Electrolytic polisher

**Ref. 080490**

The MESTRA electrolytic polisher is designed specially for dental laboratories.

Stainless steel construction and large tray capacity. Up to three skeletons can be polished simultaneously.

Equipped with a timer, it allows polishing to be programmed from 0 or 30'.

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

|                   |                |                        |                   |
|-------------------|----------------|------------------------|-------------------|
| 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



## Solution for electrolytic bath

**Ref. 130351** 5 litres **Ref. 130350** 1 litres

High quality product. Formulated to minimize its toxicity. Using it together with electrolytic baths of the type dental and/or jewelry, the quality achieved is excellent. It remains without degrading

for many cycles of use. Its viscous texture prevents splashing and makes it much easier to clean up. 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.

It is also possible to memorise a polishing programme.

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

## Static steam jet

**Ref. 100192**

Static steam generator machine for dental laboratory and clinic.

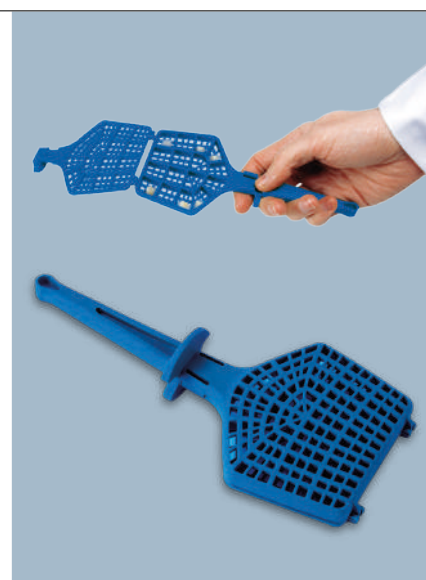
Ideal for intensive and professional use. Due to its high power and the capacity of the 2-liter tank, the appliance is capable of supplying a continuous jet of steam that is completely dry and controlled by means of a pedal.

Constructed entirely of stainless steel.

### Important recommendation:

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

|          |                                          |
|----------|------------------------------------------|
| Height   | 300 mm no support<br>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                                 |



## 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

# Micromotors and burs

|                  |                      |
|------------------|----------------------|
| 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        |
| Handpiece weight | 230 g                |



## Sense A7 - Induction

**Ref. 100230**

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



|                  |                   |
|------------------|-------------------|
| 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     |
| Handpiece weight | 215 g             |



## Sense A3 - Brushes

**Ref. 100238** (white)

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

Also available in  
graphite color  
**Ref. 100240**





# Micromotors and burs

|                  |                      |
|------------------|----------------------|
| 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        |
| Handpiece weight | 240 g                |

## Sense A6 - Induction

**Ref. 100232** (white)

- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ Automatic speed maintenance function.
- ✓ High/Medium/Low speed.
- ✓ Displayed speed.
- ✓ Right & Left turning ability.
- ✓ Overload protection function.
- ✓ Fault warning function.



|                  |                      |
|------------------|----------------------|
| 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        |
| Handpiece weight | 205 g                |

## Prime 221 - Induction

**Ref. 100236**

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



# Micromotors and burs

## 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        |
| Handpiece weight | 254 g                |

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



## Élite Micromotor (brushless)

**Ref. 100285**

- ✓ 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     |
| Handpiece weight | 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        |
| Handpiece weight | 254 g                |

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



# Micromotors and burs

**Ref. 120100**



**Ref. 120100-50**  
Narrow Handpiece - Podiatry

**Ref. 120110**



**Ref. 120110-50**  
Intramatic Handpiece  
Autoclavable - Podiatry

|                  | 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        |
| Handpiece weight | 247 g                | 267 g                |

(L) 265 x (W) 235 x (H) 90 mm | 2,5 kg  
Ocasional use, not recommended for metals

## Micromotors (brush)

**Ref. 100279**  
(brush)



**Ref. 100279-50**  
Handpiece

**Ref. 100282**  
(brushless) intramatic



**Ref. 100282-50**  
Handpiece

|                  | 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        |
| Handpiece weight | 175 g                | 175 g                |

(L) 210 x (W) 193 x (H) 73 mm | 1,1 kg  
Ocasional use, not recommended for metals

## Portable micromotors (10 h autonomy)

Ocasional use, not recommended for metals.



**Ref. 100284**  
Pieza de mano

|            |                   |                  |                      |
|------------|-------------------|------------------|----------------------|
| 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         | Handpiece weight | 215 g                |

Made of rubber elastic.



|           |                 |
|-----------|-----------------|
| Dimension | 72 x 19 x 36 mm |
| Weight    | 0,015 kg        |

## Micromotor (brush)

**Ref. 100284**

## Adaptor for micromotor to podiatry suction

**Ref. 120001**



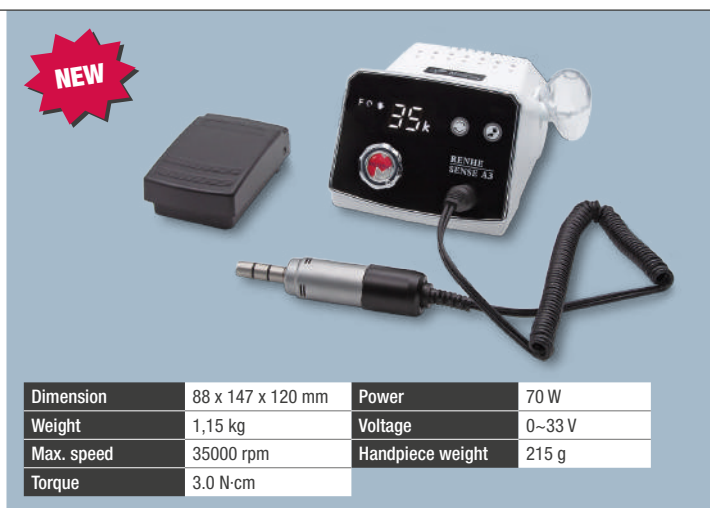
# Micromotors and burs



|                  |                   |
|------------------|-------------------|
| Dimension        | 90 x 191 x 130 mm |
| Weight           | 2,8 kg            |
| Max. speed       | 50000 rpm         |
| Torque           | 5.8 N-cm          |
| Power            | 120 W             |
| Voltage          | 0~36 V            |
| Handpiece weight | 205 g             |

## Prime 221 - intramatic connection **Ref. 100237**

- ✓ Brushless
- ✓ Manual or foot pedal speed control.
- ✓ Forward / Reverse.
- ✓ Overload protection function.
- ✓ Fault warning function.
- ✓ Constant speed pedal function.



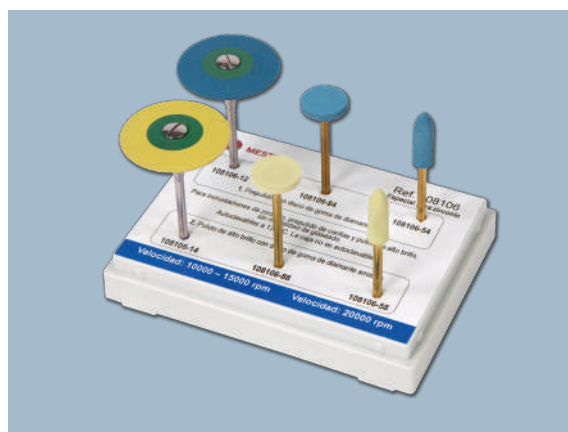
|            |                   |                  |        |
|------------|-------------------|------------------|--------|
| Dimension  | 88 x 147 x 120 mm | Power            | 70 W   |
| Weight     | 1,15 kg           | Voltage          | 0~33 V |
| Max. speed | 35000 rpm         | Handpiece weight | 215 g  |
| Torque     | 3.0 N-cm          |                  |        |

## Sense A3 - intramatic connection **Ref. 100239**

- ✓ Brushed motor.
- ✓ Manual speed control.
- ✓ ON/OFF pedal.
- ✓ Digital speed display.
- ✓ Right and left rotation.
- ✓ Overload protection function.
- ✓ Fault warning function.

## Polishing discs and burs for zirconia

### 2-STEP KIT **Ref. 108106** PRE-POLISHING AND FINE POLISHING



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



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



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



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



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



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



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



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



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



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



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



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



**Ref. 108306-21**  
Diamond ceramic  
Med. grain • Fine grinding  
and adjusting  
Bur Ø 4 x 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 x 2 mm  
Max. Speed 20000 rpm



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



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



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

# Micromotors and burs

| 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



## Tungsten burs

High performance. For plaster trimming.



(6 unidades)

(12 unidades)

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

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



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

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



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

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



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

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



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

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

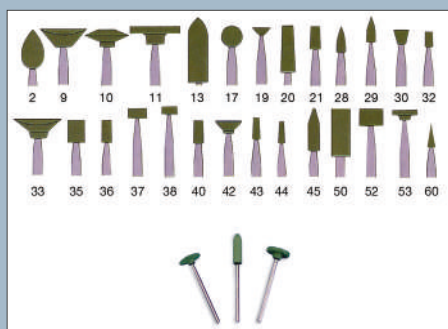
## Polishing pads



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

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

## Silicone burs



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



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

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

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



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

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

Blancas, duraderas y de alta resistencia.  
Fabricadas en óxido de aluminio especialmente indicadas para el pulido de aleaciones no preciosas y semipreciosas.

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

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

## Abrasive stones (12 unit box)

# Micromotors and burs

**Replacements**



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

|              |              |
|--------------|--------------|
| 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 2x1,5   |
| R-104000-10B | 10B-Ø 4x1,5  |
| R-104000-12B | 12B-Ø 4x1,5  |
| R-104000-K7  | K7-Ø 2,7x1,5 |
| R-104000-13B | 13B-Ø 5x2    |
| R-104000-K6  | K6-Ø 2x5     |
| R-104000-K10 | K10-Ø 2,5x7  |
| R-104000-1R  | 1R-Ø 1,5x10  |
| R-104000-1LR | 1LR-Ø 1,5x10 |
| R-104000-2R  | 2R-Ø 2x12    |
| R-104000-2LR | 2LR-Ø 2,5x12 |
| R-104000-3R  | 3R-Ø 3x12    |
| R-104000-T11 | T11-Ø 1x4    |
| R-104000-TR  | TR-Ø 1,5x8   |
| R-104000-T12 | T12-Ø 1,5x4  |
| R-104000-2LA | 2LA-Ø 2,5x12 |
| R-104000-KS  | KS-Ø 3,5x6   |
| R-104000-RZ  | RZ-Ø 4x6     |
| R-104000-C3  | C3-Ø 0,9x4   |
| R-104000-C13 | C13-Ø 1,5x10 |
| R-104000-C23 | C23-Ø 2x10   |
| R-104000-17X | 17X-Ø 4x0,8  |
| R-104000-18X | 18X-Ø 6x1    |
| R-104000-K25 | K25-Ø 4x0,4  |
| R-104000-K45 | K45-Ø 10x0,5 |
| R-104000-K35 | K35-Ø 6x0,5  |

## 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**



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

|                |                |
|----------------|----------------|
| 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 |

## Set of 10 burs (diamond)

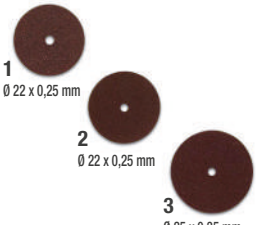
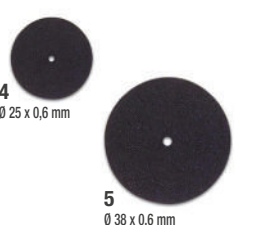
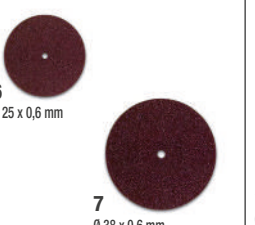
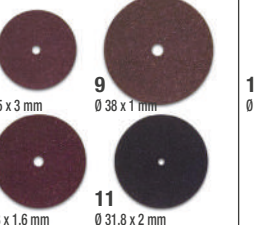
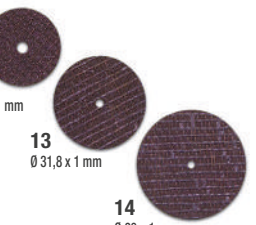
Each set consists of 10 burs (no surface coating, the body is completely made of diamond) with the most commonly used shapes in the dental laboratory.

Two types of set are available:

Disponibles dos tipos de set:

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

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

|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>1</b> Ø 22 x 0,25 mm<br/><b>2</b> Ø 22 x 0,25 mm<br/><b>3</b> Ø 25 x 0,35 mm</p>                                                                                                                            |  <p><b>4</b> Ø 25 x 0,6 mm<br/><b>5</b> Ø 38 x 0,6 mm</p>                                                                                                     |  <p><b>6</b> Ø 25 x 0,6 mm<br/><b>7</b> Ø 38 x 0,6 mm</p>                                                                               |  <p><b>8</b> Ø 25 x 3 mm<br/><b>9</b> Ø 38 x 1 mm<br/><b>10</b> Ø 31,8 x 1,6 mm<br/><b>11</b> Ø 31,8 x 2 mm</p>                                                                                                                                     |  <p><b>12</b> Ø 25 x 1 mm<br/><b>13</b> Ø 31,8 x 1 mm<br/><b>14</b> Ø 38 x 1 mm</p>                                                                                                          |
| <p><b>ULTRAFINE DISKS</b><br/><b>1- Ref. 105012 (metal)</b><br/>Metal Ø 22 x 0,25 mm (100 u.)<br/><b>2- Ref. 105020 (ceramic)</b><br/>Ceramic Ø 22 x 0,25 mm (100 u.)<br/><b>3- Ref. 105040 (metal)</b><br/>Separating metal Ø 25 x 0,35 mm (100 u.)<br/>(L) 78 x (W) 34 x (H) 30 mm   0,037 kg</p> | <p><b>STANDARD CUTTING DISKS</b><br/><b>4- Ref. 105050</b><br/>Black Ø 25 x 0,6 mm (100 u.)<br/>(L) 78 x (W) 34 x (H) 30 mm   0,037 kg<br/><b>5- Ref. 105051</b><br/>Black Ø 38 x 0,6 mm (100 u.)<br/>(L) 90 x (W) 44 x (H) 41 mm   0,17 kg</p> | <p><b>SPEEDY DISKS</b><br/><b>6- Ref. 105060</b><br/>25 Ø x 0,6 mm (100 u.)<br/>(L) 78 x (W) 34 x (H) 30 mm   0,037 kg<br/><b>7- Ref. 105061</b><br/>38 Ø x 0,6 mm (100 u.)<br/>(L) 90 x (W) 44 x (H) 41 mm   0,17 kg</p> | <p><b>GRINDING WHEELS</b><br/><b>8- Ref. 105070</b><br/>25 Ø x 3 mm (100 u.)<br/>(L) 78 x (W) 34 x (H) 30 mm   0,037 kg<br/><b>9- Ref. 105071</b><br/>38 Ø x 1 mm (100 u.)<br/><b>10- Ref. 105073</b><br/>31,8 Ø x 1,6 mm (100 u.)<br/><b>11- Ref. 105074</b><br/>31,8 Ø x 2 mm (100 u.)<br/>(L) 90 x (W) 44 x (H) 41 mm   0,17 kg</p> | <p><b>DISKS WITH FIBERGLASS</b><br/><b>12 Ref. 105080</b><br/>25 Ø x 1 mm (50 u.)<br/>(L) 78 x (W) 34 x (H) 30 mm   0,037 kg<br/><b>13 Ref. 105081</b><br/>31,8 Ø x 1 mm (50 u.)<br/><b>14 Ref. 105082</b><br/>38 Ø x 1 mm (50 u.)<br/>(L) 90 x (W) 44 x (H) 41 mm   0,17 kg</p> |

## Abrasive disks (100 units boxes)

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



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

## Mandrels

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

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

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



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

## Motor supports

## 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

## Hanging motor arm support

**Ref. 050230**

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



# Suction and compression

## Eolo Induction aspiration unit

**Ref. 080533**

Its new "brushless" induction motor extends its useful life between 5 and 10 times compared to traditional models, and has an innovative double filter system optimized for work in the dental laboratory (including abrasives such as aluminum oxide).

It can be mounted with HEPA filter. It easily adapts to the laboratory furniture, filling a minimum space. In addition, the ergonomic design facilitates its use and mobility. The electronic control with LCD screen is equipped with protection systems against overloads or obstructions in the suction mouth and with a visual indicator of the filter filling level and the detection of the micromotors.

It allows manual or automatic operation synchronized with up to 3 different devices (sandblasters, micromotors, etc.).

The detection and adjustment of micromotors is carried out by the electronic control itself, which allows detecting any micromotor, including those of the "brushless" type.

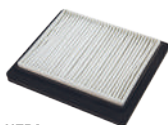


High performance microprocessor. It allows the simultaneous operation of two handpieces to be synchronised with the suction.

In addition, it has other features such as obstruction detection, switch-off delay time, power control, etc.



Engine microfilter  
**Ref. 080532-14**



HEPA motor microfilter  
**Ref. 080532-27**



Bag filter  
**Ref. 080531-30**



## 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.



# Suction and compression

## Sirocco suction units

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

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

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

- ✓ Induction motor (brushless)
- ✓ Efficient low-noise suction (55 dB)
- ✓ Strong suction power.
- ✓ Easy removal and cleaning of the reusable filters.



|       |       |
|-------|-------|
| Power | 350 W |
| Ruido | 55 dB |



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 touchscreen keypad.
- ✓ Easy to use and change filters.
- ✓ Exceptionally quiet.

### Sirocco S **Ref. 080534**



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

### Induction suction "S" + LED tube

**Ref. 080534AT**



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

### Induction suction "S" + laboratory review box

**Ref. 080534AL**

# Suction and compression

## Sirocco L

**Ref. 080537**

A robust, quiet and highly reliable suction unit.

Its brushless motor extends its service life by five to ten times compared to traditional models. It incorporates 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 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

|                  |          |
|------------------|----------|
| Power            | 800 W    |
| Noise            | 55 dB    |
| Filtration grade | ULPA U15 |

800 mm

330 mm

290 mm

13 kg



# Suction and compression

\*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              |
| Suction        | Solids and liquids |

633 mm  
433 mm  
406 mm  
KG 10,4 kg  
(L) 480 x (W) 450 x (H) 710 mm | 14 kg



## Gemini aspiration unit

Ref. 080539

\*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              |
| Suction        | Solids and liquids |

390 mm  
350 mm  
350 mm  
KG 10,4 kg  
(L) 370 x (W) 360 x (H) 530 mm | 7,3 kg



## Gemini mini aspiration unit

Ref. 080538

## NOT SUITABLE FOR MILLING MACHINES



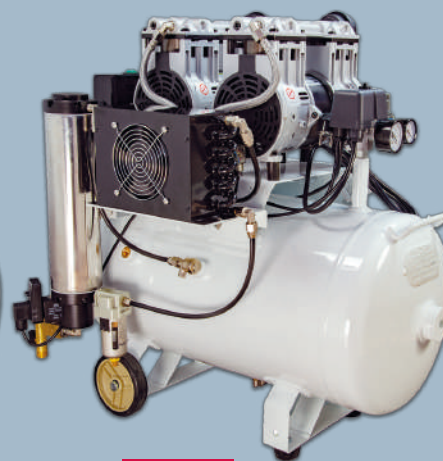
Ref. 110300  
80 l/min



Ref. 110310  
80 l/min (with dryer)



Ref. 110330  
160 l/min



Ref. 110340  
160 l/min (with dryer)

## Dry piston compressors

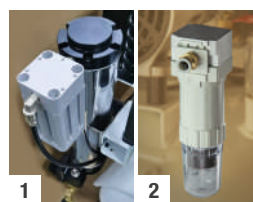
Family of four compressors consisting of two sizes of 80 and 160 litres/minute to which a dryer with automatic drain can be coupled.

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.

### How do I know if my compressor complies with the European safety regulations?

It is easy to find dental compressors made in the East that do not comply with current European safety regulations.

For this reason, it is advisable to check its features and security stamp: it is a plate welded to the tank similar to the attached picture. Next to the CE mark, you can see the number of the Notified Body that has validated its adaptation to European standards.



1. Ref. 110340 is also available with HEPA filter (H14)  
**Ref. 110340H**
2. The activated carbon filter **Ref. 110300-53** is available as an accessory for all compressors.

CERTIFICATE by TÜV SÜD Type certificate N° 12202200491258001  
Directiva 2014/29/UE (pressure vessels)

| 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     |

Tables for 1 and 2 workstations  
Made in Spain

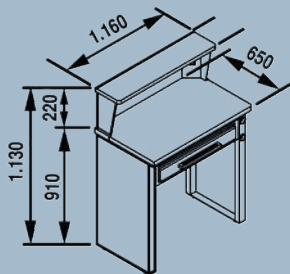
Very high quality work tables. Assembly is simple.

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.

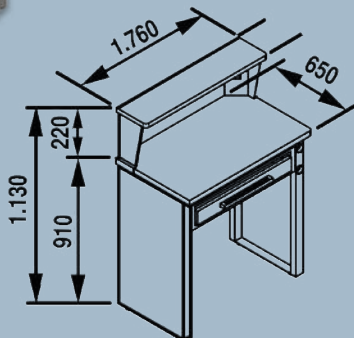
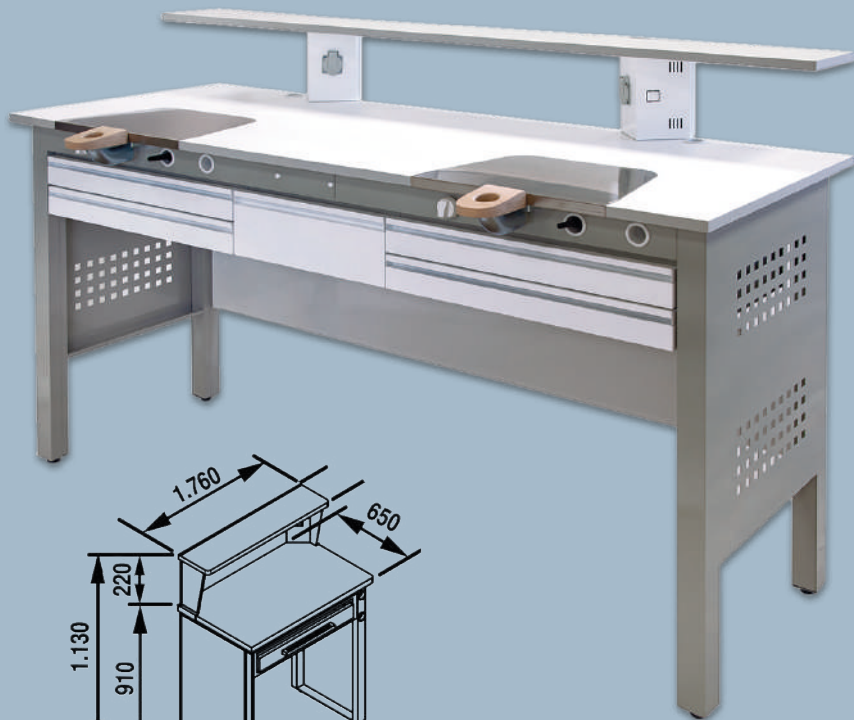
The dimensions and geometries allow the easy incorporation of other **MESTRA** products (*Eolo Aspiration*, micromotors, curing lights, etc.), creating an ergonomic and highly productive work environment.

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



- ✓ Metal table, wood worktop.
- ✓ Chair for workstation.
- ✓ Polishing lathe + 2 trays.
- ✓ Micromotor.
- ✓ LED lamp.

#### GIFT:

- Magnifying glass.
- Magnet bur holder.

## Chair for workstation

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

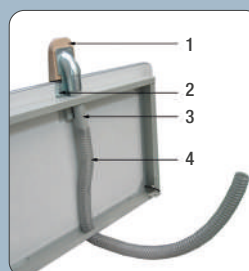
**Ref. 100300**

(L) 950 x (W) 610 x (H) 100 mm | 63 kg

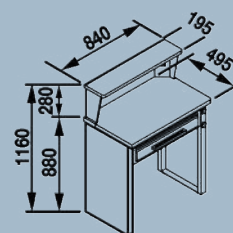
Metal work table with  
wooden worktop.  
Assembly is simple.

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



## (Kit) Finishing table - Made in Spain

**Ref. 100301 K2**

## Finishing table - Made in Spain

**Ref. 100301**

## Table 1 workstation - Import

**Ref. 100302**

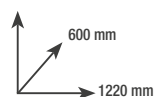
Single-person workbench. Features 5 drawers: 3 drawers  
+ 2 additional drawers.

Includes air gun connection, pressure gauge, vacuum  
potentiometer, and 3 on/off switches: vacuum, light,  
and power outlets  
(2 x 220V outlets).

Features armrests and a steel tabletop protector.  
Wooden workbenches not included (optional).

- ✓ Equipped with a 500W vacuum cleaner  
and a 3-fluorescent light.
- ✓ Gas connection available.
- ✓ Steel tabletop protector.
- ✓ Table dimensions: 122 x 60 x 100 cm.

Table height: 850 mm  
Shelf height: 1070 mm



30 kg

(L) 134 x (W) 73 x (H) 120 mm | 150 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 height | 460 mm      | 420 mm      |
| Seat depth       | 450 mm      | 450 mm      |
| Seat width       | 460 mm      | 460 mm      |
| Weight           | 9 kg        | 8 kg        |

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



## Work chair

Ref. 100299



4 different regulations allowed: seat height and inclination and backrest height and angle of inclination.

|             |         |
|-------------|---------|
| Max. height | 555 mm  |
| Min. height | 420 mm  |
| Depth       | 450 mm  |
| Width       | 460 mm  |
| Weight      | 10.3 kg |

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



## Work chair

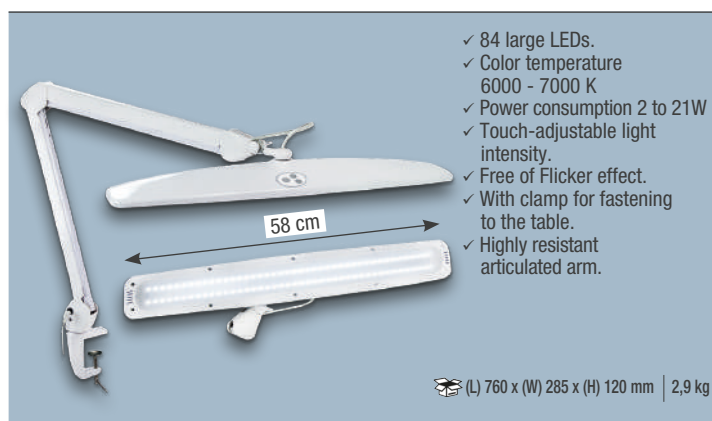
Ref. 100300

4 different regulations allowed: seat height and inclination and backrest height and angle of inclination.

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

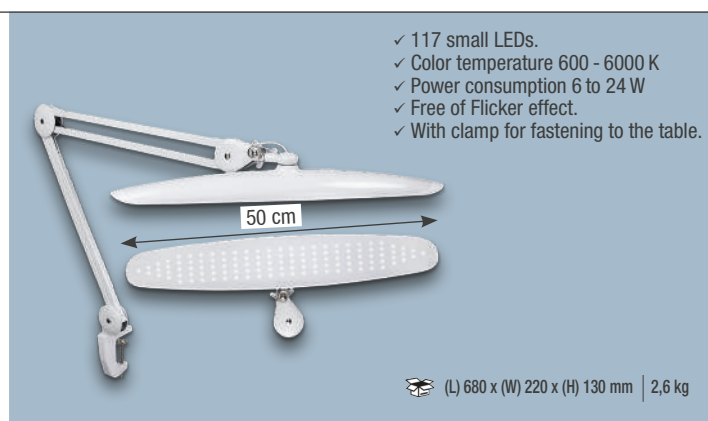
Wheels with safety brake (EN 1335-2:2009)





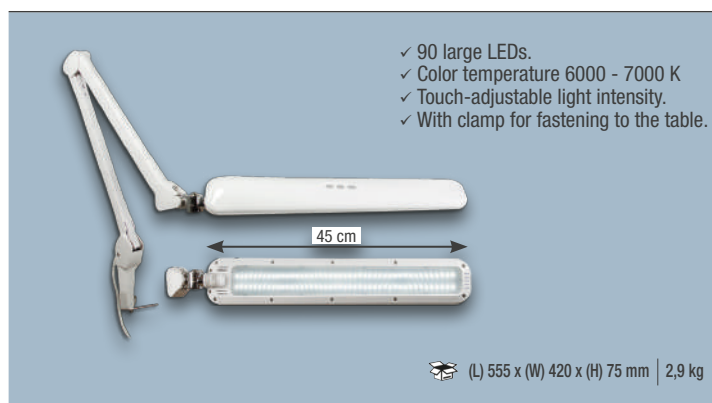
**LED lamp (articulated arm)**

**Ref. 100288**



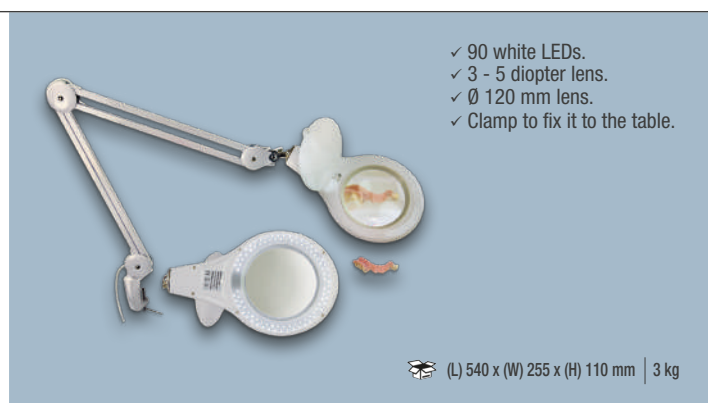
**LED lamp (articulated arm)**

**Ref. 100290**



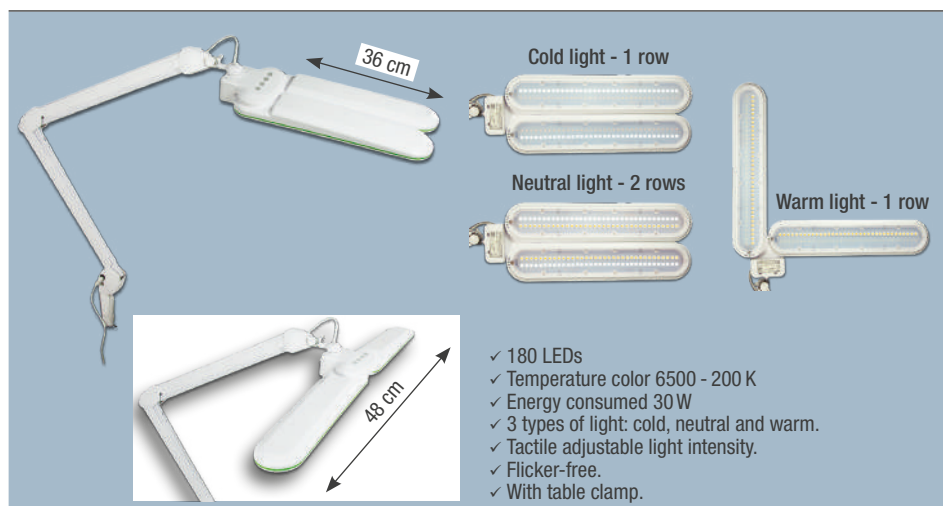
**LED lamp (articulated arm)**

**Ref. 100289**



**Magnifying glass with LED lamp**

**Ref. 100287** (3 diopter lens) **Ref. 100287-5x** (5 diopter lens)



**LED lamp (flexible arm)**

**Ref. 100289V**



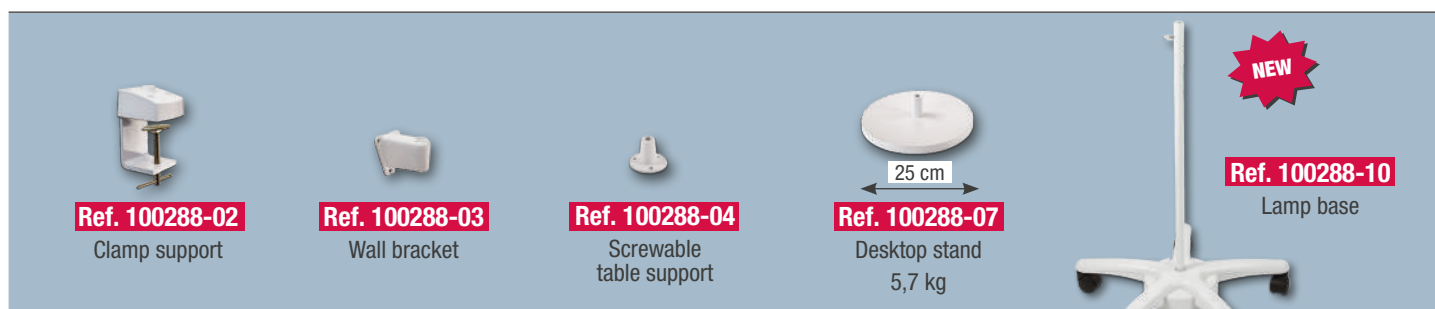
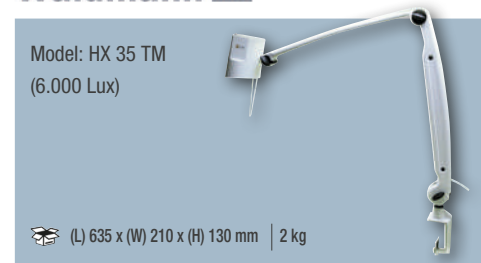
**LED lamp (flexible arm)**

**Ref. 100286**



**Working lamp Ref. 110035**

**Waldmann W**



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

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