



MESTRA

LABORATORY CATALOGUE

2026

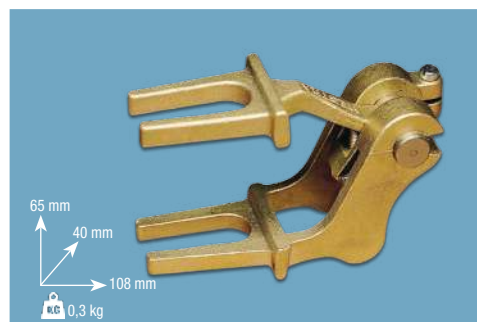


Index

Articulators	03
Instruments	07
Modeling	13
Wax	28
Polymerizing	32
Casting, centrifuges and furnaces	41
Blasting, polishing and finishing	45
Micromotors and burs	59
Suction and compression	66
Furniture	70
Lighting	73
 Alfabetical index	74

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

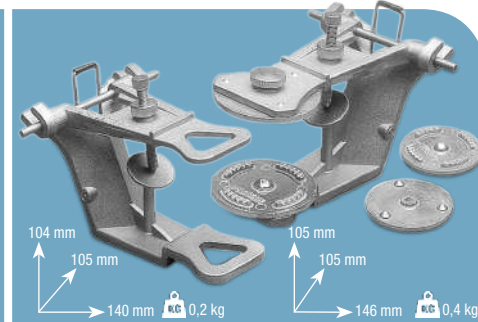


This articulator is adjusted by means of cones: one fixed and the other moveable. This prevents disadjustments due to wear.

Articulator (functional movement articulator)

Ref. 010030

Ref. 010032 (with trays)

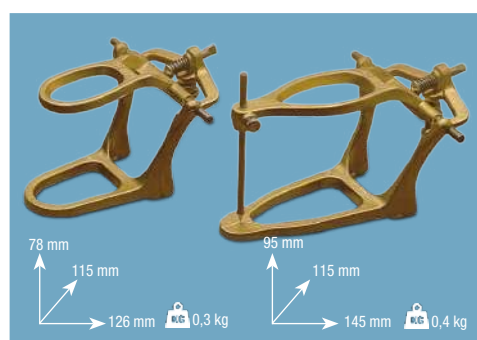


It is made in light alloy and combines perfectly weight and endurance. It accurately reproduces jaw movement thanks to its central spring and the lean of the supports.

Functional articulator

Ref. 010040 (2 point)

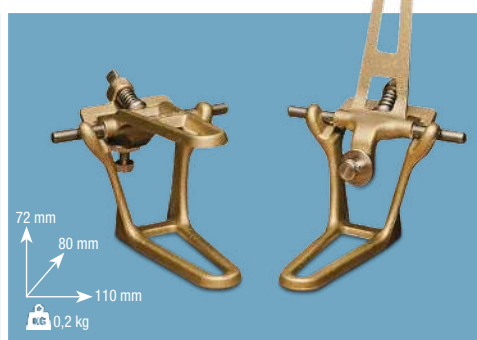
Ref. 010050 (3 point)



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 dells at the same time.

Balanced articulator (light)

Ref. 010090



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

Balanced articulator (light)

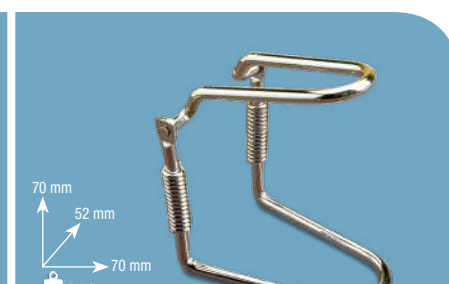
Ref. 010090 B



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

Spring articulator

Ref. 010150



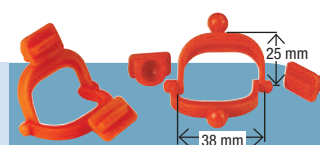
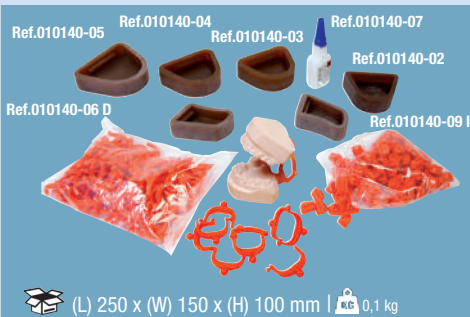
Plastic articulator (disposable) (100 articulators)



Plastic articulator (disposable)

Ref. 010140

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



Spare parts (100 articulators)

Ref. 010145



Semiadjustable arcon type articulator

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

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.



Standard Protrusal Set REF. 010104



Articulator A7 PLUS-E



Case



Standard face bow

Elite Protrusal Set REF. 010106



Articulator A7 PLUS-E



Case

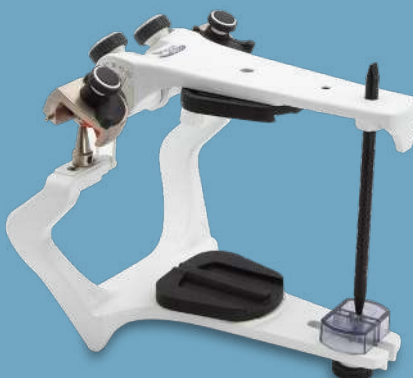


Elite face bow

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.



Standard 4000S Set REF. 010107S



Articulator 4000S



Case



Standard face bow

Elite 4000S Set 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 condylar 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.



CE Producto sanitario

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.



CE Producto sanitario

Range of accessories:



Dimensions and weight of articulators:

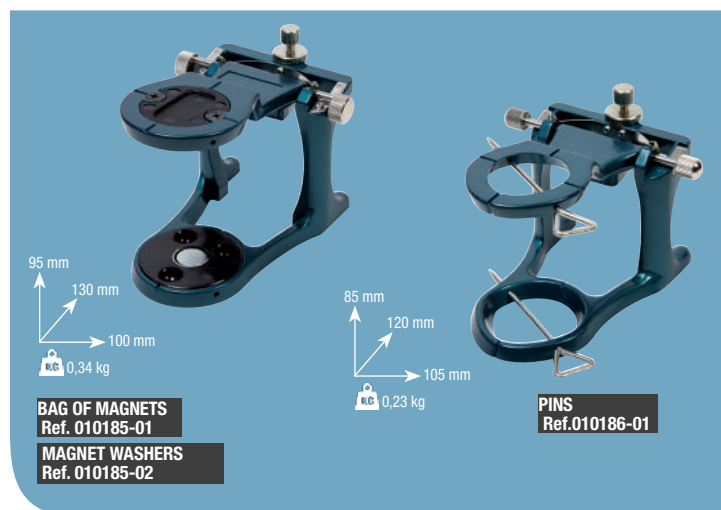
	Ref. 010098	Ref. 010099	Ref. 010103	Ref. 010107
Height	150 mm	150 mm	170 mm	160 mm
Width	180 mm	170 mm	170 mm	148 mm
Depth	180 mm	180 mm	180 mm	180 mm
Weight	0,5 kg	0,7 kg	0,7 kg	0,7 kg



Condylar articulator

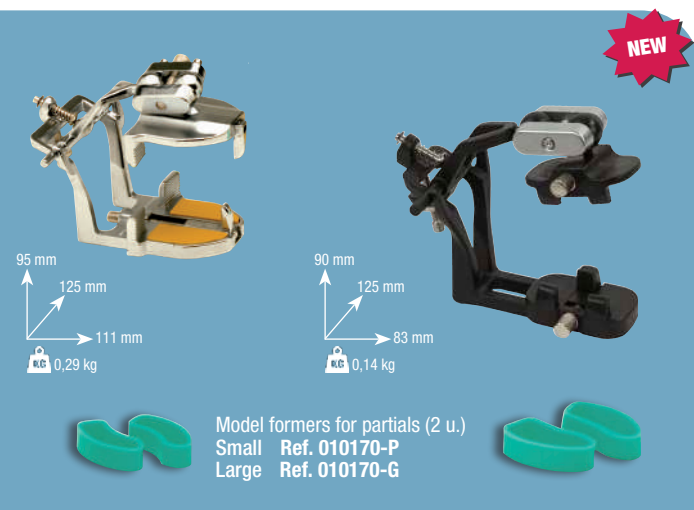
Ref. 010185 (magnetic)

Ref. 010186 (pins)



Quick fixing articulator

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



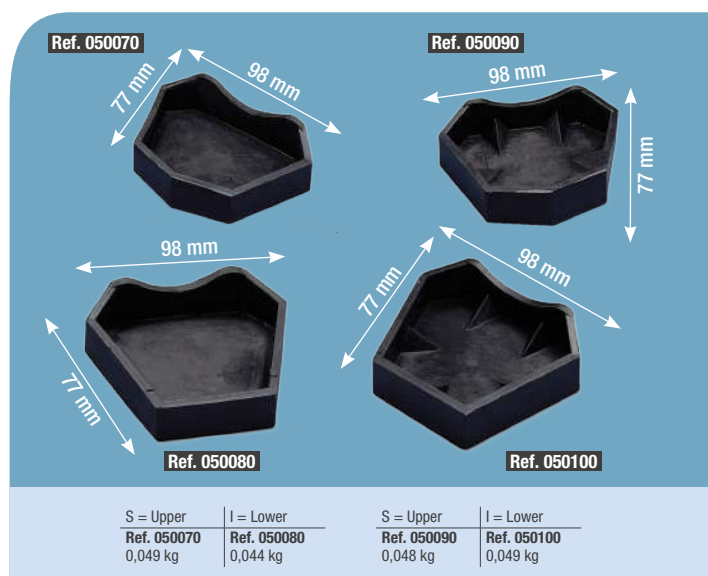
Model formers (for orthodontics training)



Model formers (small striated base)

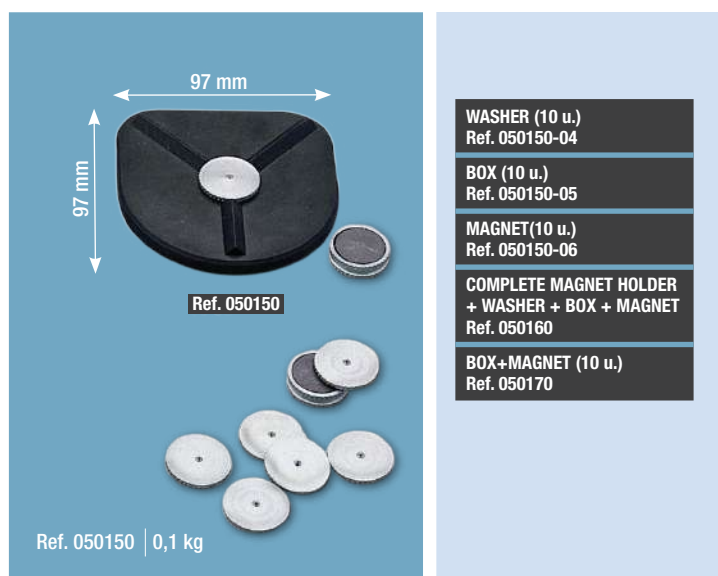


Model base former



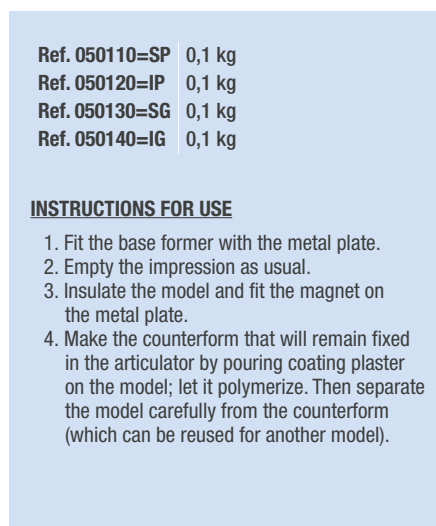
Flat base former with magnet

Ref. 050150



Base former with magnet

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



Spatulas and knives



Ref. 060076 (3) Supplied in 12 unit bags.

Ref. 060002 (2) Supplied in 12 unit bags, in three colours.

Special for mixing without residue. Shapes and sizes may vary. Fig. 10

		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 aprox.

Spatulas and knives (stainless steel)



		Total length	Blade	Weight			Total length	E	C	Weight
1. Ref. 060000	Alginate spatula	230 mm	110 mm	0,08 kg	5. Ref. 060040	Wax spatula (small)	135 mm	35	40	0,03 kg
2. Ref. 060010	Plaster spatula	210 mm	103 mm	0,05 kg	6. Ref. 060050	Wax spatula (large)	180 mm	45	50	0,03 kg
3. Ref. 060020	Flexible spatula	200 mm	100 mm	0,03 kg	7. Ref. 060060	Wax spatula (small) with cavity	135 mm	35	40	0,03 kg
4. Ref. 060030	Knife with flask opener	175 mm	65 mm	0,07 kg	8. Ref. 060070	Wax spatula (large) with cavity	180 mm	45	50	0,04 kg
					9. Ref. 060077	Cutter	135 mm		17	0,02 kg
					10. Ref. 060078	Cutter spare part	30 mm			

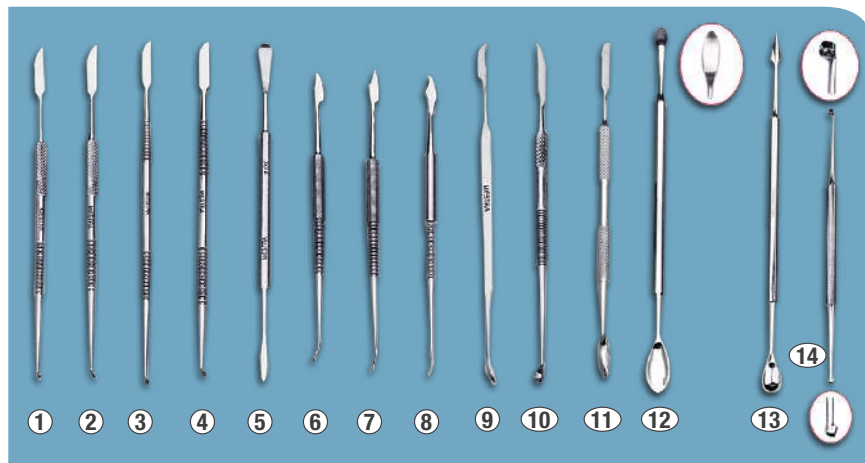
Miscellaneous

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



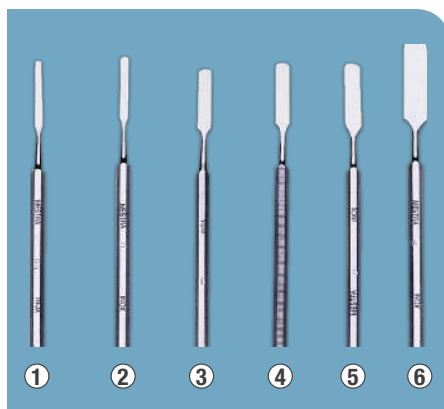
Wax and modelling carvers

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



Cement spatulas

1 Ref. 060240	178 mm
2 Ref. 060242	175 mm
3 Ref. 060244	175 mm
4 Ref. 060246	178 mm
5 Ref. 060248	175 mm
6 Ref. 060250	195 mm



Stainless steel holder for instruments

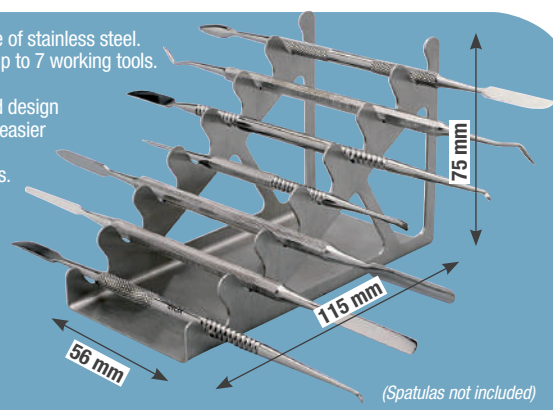
Ref. 060235

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

Its ladder-shaped design
makes selection easier

Sold without tools.

inox



(Spatulas not included)

Pliers

Ref. 050533 Ref. 050539 Ref. 050532

Ref. 050537

Ref. 050535 Ref. 050536

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

Pliers

Ref. 050534 Ref. 050531

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

Dosing instrument

(ceramic materials)

Ref. 050525

Ref. 050526

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

Scissor, pliers and scalpel handle

For lab use only

Ref. 070260 Ref. 070270 Ref. 070210

0,02 kg | (L) 141 mm 0,02 kg | (L) 141 mm 0,02 kg | (L) 125 mm

Ref. 070300 Ref. 070310 Ref. 070240 Ref. 070290

0,02 kg | (L) 120 mm 0,02 kg | (L) 120 mm 0,03 kg | (L) 105 mm 0,02 kg | (L) 120 mm

Ref. 070200

0,03 kg | (L) 156 mm

Plier holding support

Ref. 050364

A simple and practical tabletop component which helps to keep the work area tidy.

165 mm
140 mm
200 mm
1,1 kg

(Alicates no incluidos).

Magnetic support (instrument holder)

Ref. 050360

Practical and carefully designed.

120 mm
195 mm
300 mm
0,8 kg

(Útiles no incluidos).

Magnetic bar (instrument holder)

Ref. 050362

De sencilla colocación, puede fijarse mediante tornillos a casi cualquier superficie.

33 mm
12 mm
300 mm
0,3 kg

(Espátulas no incluidas).

Holding clamps

Ref. 050554

125 mm
155 mm

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

Alginate mixing bowl

Ref. 060120

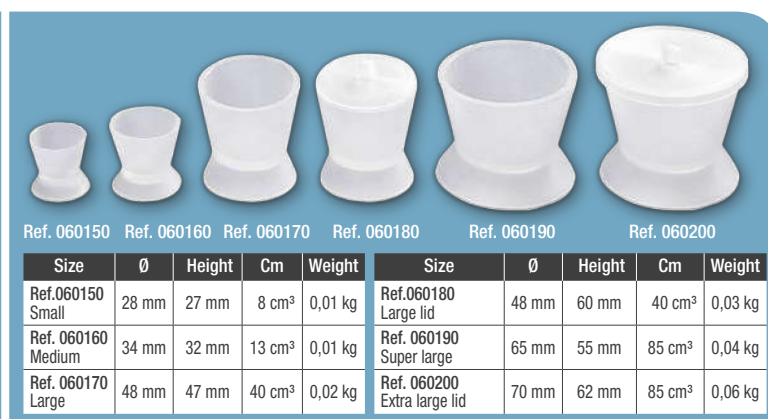


Silicon bowl

Ref. 060130

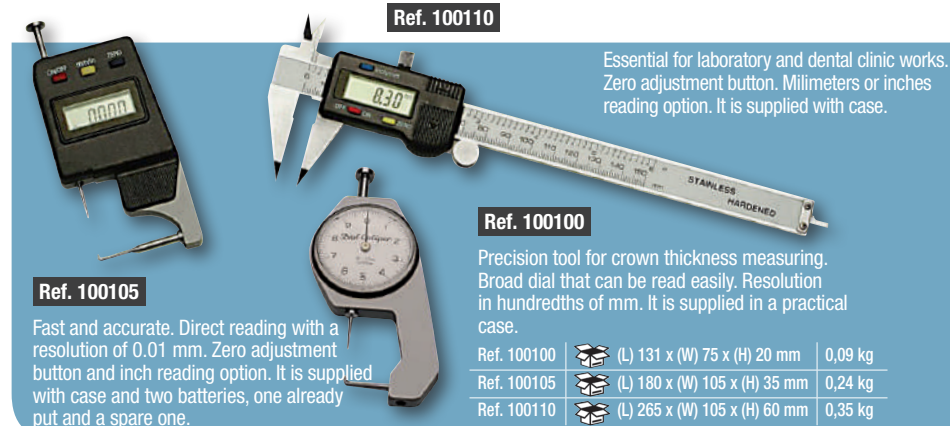


Silicon bowls (transparent)



Dial crown thickness calliper

Ref. 100110



Calliper for crowns

For lab use only

Ref. 060390



Wax calliper

Ref. 060400



Precision scale

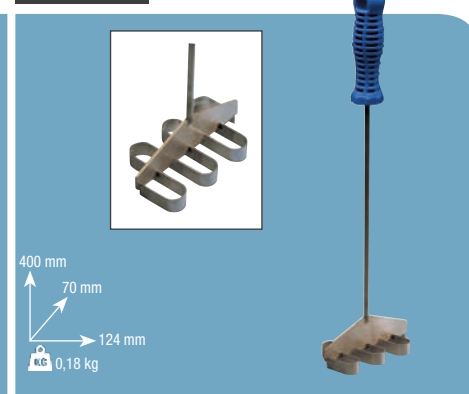
Ref. 100040

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



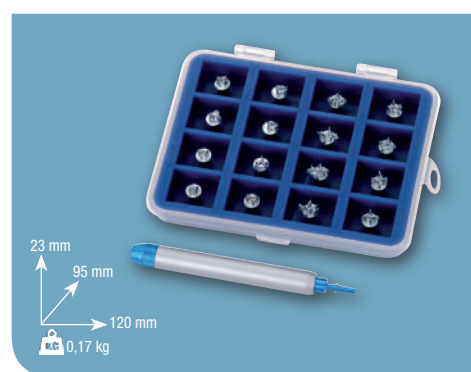
Cutter for jelly

Ref. 050540



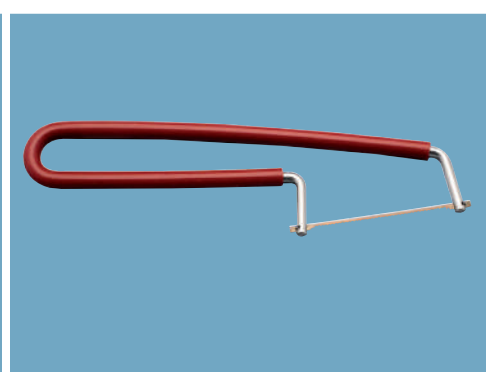
Molar carving tool

Ref. 060296



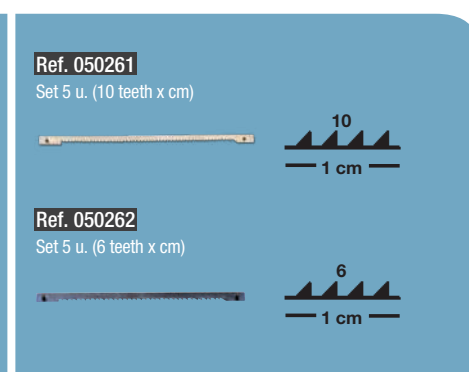
Bow saw

Ref. 050250



Saw blade

Ref. 050261 Ref. 050262



Tool set (for ceramic)

Ref. 060402

Very complete. Vinyl case. It includes 19 tools.

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

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



Tool set (for onthodontics)

Ref. 060403

Very complete. Vinyl case. It includes 19 tools.

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

 (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

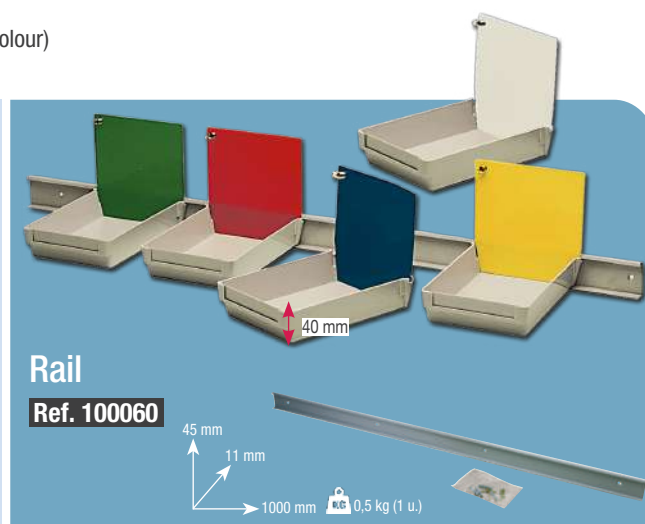
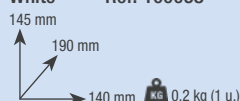
Ref. 050350



Model tray (10 units each colour)

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

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



Model tray (large)

(10 units each colour)

Similar to the previous model, but larger.

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



Model tray (tabletop)

(10 units each colour)

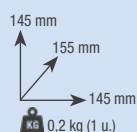
- Ref. 100043 Yellow (10 u.)
- Ref. 100044 Blue (10 u.)
- Ref. 100045 Red (10 u.)
- Ref. 100046 Purple (10 u.)
- Ref. 100047 White (10 u.)



Model tray (high)

(10 units each colour)

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



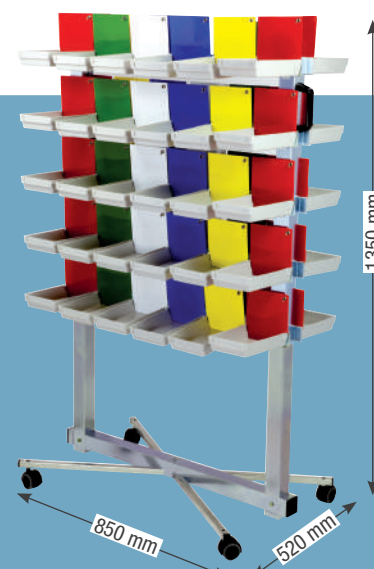
Tray trolley

Ref. 100048



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

TRAY TROLLEY
+ 60 small units
Ref. 100048-60



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.

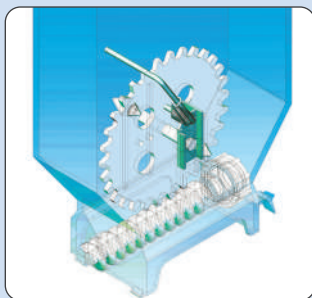
Just press a button, and you will obtain a dose ready to be mixed. Besides its speed and precision, another advantage of this product is the saving of materials: when you dispense by hand, the trend is to increase the dose. However, with the Boomerang dispenser you will always obtain the exact dose,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



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

Full water container

Ref. 080590-04

Plaster tank

Ref. 080590-03

Bracket

Ref. 080591-02

Perishables: spindle (2 u.)

Ref. 080590-43

Vacuum mixer

Ref. 080516 Iris II

Ref. 080517 Iris II Evolution

Ref. 080517E Iris II Evolution Inverter

Ref. 080518 Iris II Evolution Advanced

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

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

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

Specifications

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

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

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

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



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



Optional support

Ref. 080519 ✂ 7,5 kg

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



Mixer (with tube for vacuum machine)

Ref. 060220 (small)

Ref. 060230 (large)

Ref. 060220 Small

Diameter	120 mm
Height	200 mm
Capacity	275 cm ³
Weight	0,8 kg

Ref. 060230 Large

Diameter	151 mm
Height	220 mm
Capacity	750 cm ³
Weight	1,2 kg



Vacuum micro-pump

Ref. 080001

This is an economical option which can be used with the MESTRA Ref. 060220 and Ref. 060230 mixers. It is ideal for mixing plaster, coating, etc. Small and noiseless.

VOLTAGE: 230 V/50-60 Hz;
CONSUMPTION: 0,72 Amp.
VACUUM: 550-600 mm/hg



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"



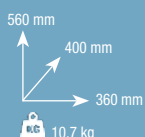
Ref. 080522

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

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.



Specifications

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

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

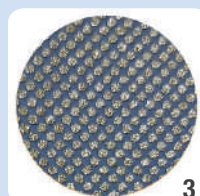
Diamond disc



1



2



3



4

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



Alert light

Ref. 080093

Ref. 080095

Mulhacén model trimmer Sandpaper DRY

Ref. 080096



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

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



Ref. 080538

Ref. 080539

Serantes model trimmer

Sandpaper disc trimmer

Diamant disc trimmer

Ref. 080097

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.



Sandpaper disc DRY trimmer

Ref. 080099



- ✓ 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

Abrasive disc

Diamond disc

CAUTION!

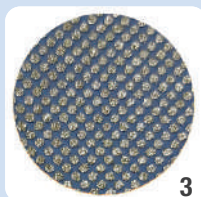
Diamond discs are very heat-sensitive: do not trim or rectify metal pieces or coatings.



1



2



3

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

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

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).



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.

Ref. 080085-02

Bolsa recogedora para decantadora



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 exhaustor.

At the rear there is a Schuko type power connection which is very useful when an exhaustor 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:

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



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 nº 5x). Standard	0,041 kg	95 x 17 x 16 mm
2. Ref. 080106	Conical (serration nº 3)	0,043 kg	75 x 17 x 16 mm
3. Ref. 080103	Conical (serration nº 6)	0,052 kg	95 x 17 x 16 mm
4. Ref. 080104	Cylindrical (serration nº 6)	0,060 kg	95 x 17 x 16 mm
5. Ref. 080105	Cylindrical (serration nº 3)	0,053 kg	95 x 17 x 16 mm
6. Ref. 080107	Tungsten conical (serration)	0,026 kg	85 x 22 Ø mm
7. Ref. 080108	Tungsten cylindrical (serration)	0,052 kg	85 x 22 Ø mm

Atlas Pin drill

Ref. 080610

Easy to handle, the machine allows to drill precision holes in the lower part of the model.

Changing and adjusting the bit is an easy and intuitive operation.

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

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



Details are very important when designing a good pin drill: The drill-Widthing system has to be ease to loosen. In the case of the Atlas pin drill, a few seconds are enough to replace the drill or adjust its height.



The table can easily regulate the depth of the drill: you just have to turn a screw to adjust the height at will.

1,85 1,95



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

Height	300 mm
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

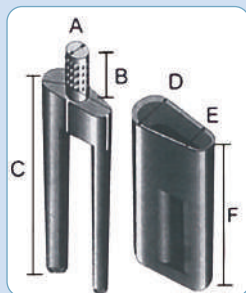


BI-V-PIN (long 15 mm) **Ref. 050560** (1.000 u.)

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

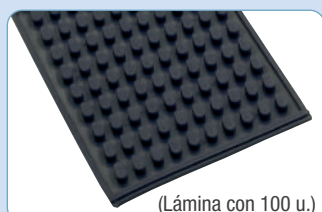
Metal sleeve

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

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

Metal sleeve

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

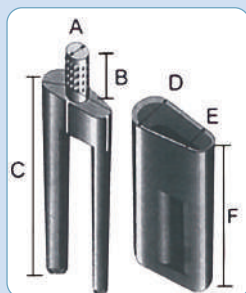
(L) 165 x (W) 73 x (H) 110 mm | 1,7 kg

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

Ref. 050557

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

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



Bi-V-Pin

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

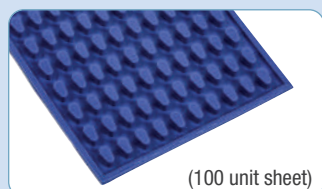
Camisa metálica

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

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

Rubber sheets for BI-V-PIN

Ref. 050574



(100 unit sheet)

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

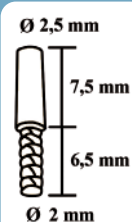


PIN (short cylinder)

Ref. 050576

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

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

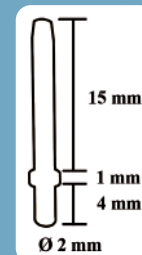


PIN (long cylinder)

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.)

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

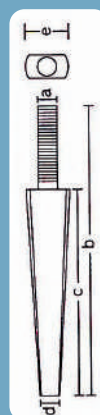
Dimension (mm)					
	A	B	C	D	E
1	1,95	20	15	1,50	2,95
2	1,95	22	17	1,60	3,16
3	1,95	22	17	1,60	2,90

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

1

2

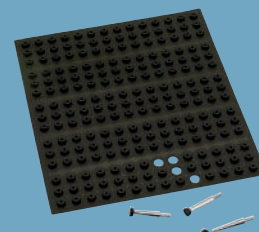
3



Rubber sheets for Dowel Pin

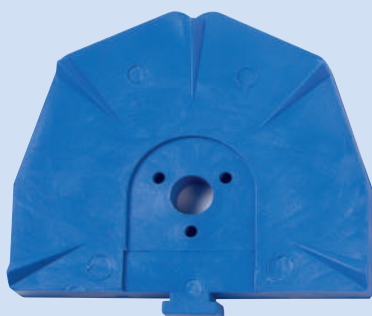
Ref. 050572

(Lámina con 210 U.)



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

Base plates for pin driller



Base plate for former 100 u.

Ref. 050180

(L) 68 x (H) 64 mm



Base plate without washer 100 u.

Ref. 050182

(L) 73 x (H) 64 mm



Base plate with washer 50 u.

Ref. 050184

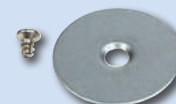
(L) 73 x (H) 64 mm



Secondary plate with magnet 25 u.

Ref. 050186

(L) 74 x (H) 6 mm



Washer for base plate
(50 u.)

Ref. 050182-01



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



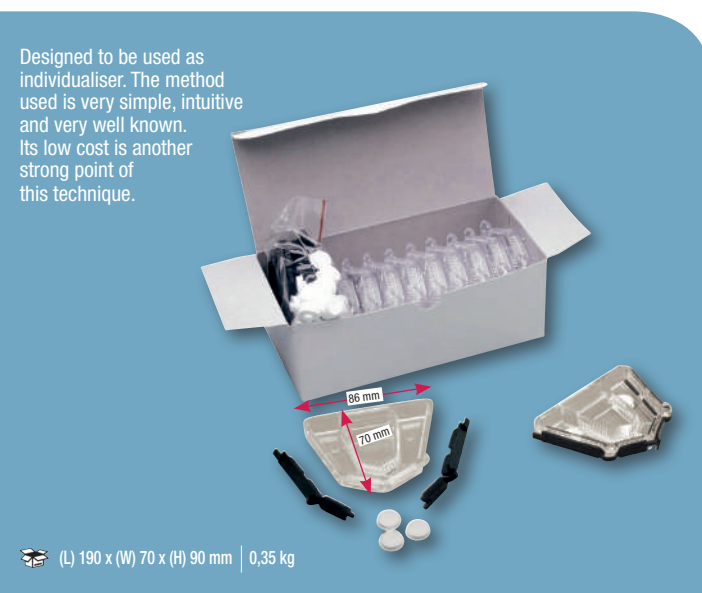
Indigrap

Ref. 050340 (10 u.)



Die tray system

Ref. 100206 (10 u.)



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



Spot welding machine

Ref. 100127

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

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

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

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



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.

Pressure	1100 W
Weight	6/8 bars

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

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.



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.

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

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

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



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

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



(L) 390 x (W) 300 x (H) 130 mm | 13,200 kg

Working area | 370 x 275 mm

(L) 520 x (W) 290 x (H) 360 mm | 14,5 kg

Square electrovibrator

Ref. 080020

Made of steel plate. Epoxy paint. 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.



(L) 235 x (W) 235 x (H) 105 mm | 6,3 kg

Working area | 220 x 220 mm

(L) 310 x (W) 310 x (H) 190 mm | 7 kg

Rectangular electrovibrator

Ref. 080025

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



(L) 235 x (W) 170 x (H) 105 mm | 6,2 kg

Working area | 220 x 160 mm

(L) 310 x (W) 310 x (H) 190 mm | 6,9 kg

Round electrovibrator

Ref. 080030

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

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



(L) 152 x (W) 152 x (H) 100 mm | 2,5 kg

Working area | 120 mm

(L) 310 x (W) 310 x (H) 190 mm | 3 kg

Rectangular electrovibrator

Ref. 100197

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



(L) 275 x (W) 215 x (H) 100 mm | 5,56 kg

Working area | 260 x 190 mm

(L) 315 x (W) 260 x (H) 120 mm | 6,27 kg

Round electrovibrator small

Ref. 100200

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



(L) 127 x (W) 127 x (H) 90 mm | 1,600 kg

Working area | 125 mm

(L) 200 x (W) 160 x (H) 90 mm | 2 kg

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.

Voltage	230 V
Temperature range	30-100 °C
Power	310 W
Capacity	1 l.

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

Water bath

Ref. 080078

This machine is extremely useful when working with applications that need a water bath that keeps the water temperature accurately (polymerisation of small elements, wax sheets for biting registers, etc). It has a 1 litre stainless steel tank and it is easy to clean.

The body is made in high density polyurethane, resistant to chemical agents. Bath temperature control is made by an electronic thermostat easy to use and accurate when keeping the programmed temperature. Temperature range is from 30 °C to 75 °C. A powerful heater allows reaching the set temperature in a few minutes.

Voltage	230 V
Temperature range	30-100 °C
Power	310 W
Capacity	1 l.

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



Wax heater (for dipping)

Ref. 080075



It has electronic control via micro-processor 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.

Voltage	230 V
Power	30 W
Tank	Ø 35 ± 35

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

Wax heater

Ref. 080070

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

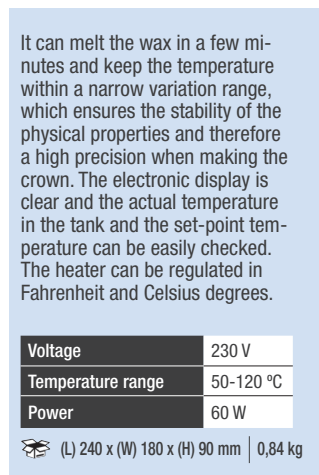
Weight	1,1 kg
Power	60 W
Voltage	230 V 50/60 Hz

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



Immersion heater

Ref. 100126



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

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

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



Immersion heater (3 tanks)

Ref. 100123

Similar to the Ref. 100126 immersion heater, but it features three tanks to heat three different types of wax, with independent temperature adjustment in each tank.

The display shows continuously the real and set up temperatures in each tank.

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

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



Wax heater

Ref. 080071

Very simple and easy to use. Just enter an operating temperature, and the electronic control system keeps the programmed temperature to a surprising degree of accuracy and shows it on an illuminated screen. Its strong plastic frame and membrane keypad prevent wax from filtering inside the device.

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

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



Wax heater

Ref. 080072

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

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



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



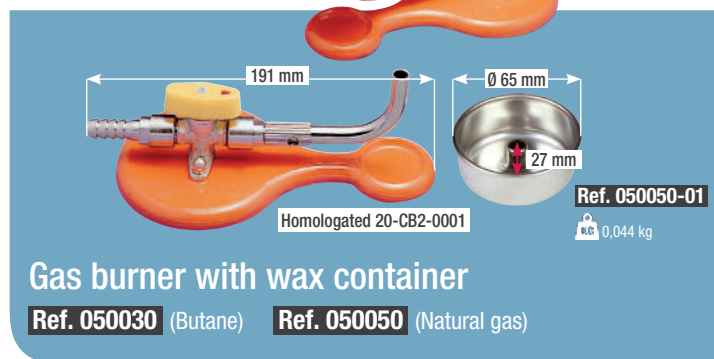
Blowtorches and burners



Gas burner

Ref. 050000 (Butane)

Ref. 050020 (Natural gas)



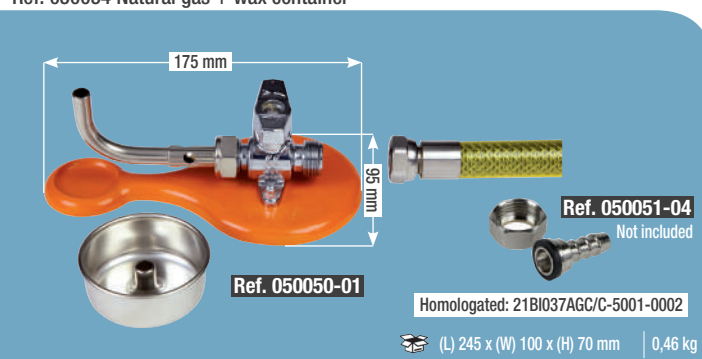
Gas burner for threaded hose

Ref. 050051 Butane/propane

Ref. 050052 Natural gas

Ref. 050053 Butane/propane + 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.



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. The device is factory supplied with two different heads, adaptable to the most commonly used shapes in the dental lab.

Voltage	230 V
Temperature	50-200 °C
Power	12 W

65 mm
120 mm
75 mm
0,65 kg
(L) 250 x (W) 180 x (H) 90 mm | 1 kg

Double electronic spatula (for wax modelling)

Ref. 100008

Similar to the Ref. 100007, but with two heating heads instead of one. Thus, the temperature can be controlled while working the wax, without handling the controls box.

The device is factory supplied with six different heads, adaptable to the most common shapes used in the dental lab.

Voltage	230 V
Temperature	50-200 °C
Power	20 W

70 mm
120 mm
150 mm
0,9 kg
(L) 250 x (W) 180 x (H) 90 mm | 1 kg

Surveyor

Ref. 050310

Concentric clamp for 2 mm rods.
Componentes included:

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

Lapicero completo
Ref. 050311

(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

Set of tips
Ref. 050312

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

Milling support (V-3 paralellometer)

Ref. 080410

Elements included:

- ✓ Paralellometer. Wax knife Analyser rod. Rods with 0,25, 0,5 and 0,75 ridges.
- ✓ 2 Allen wrenches.
- ✓ 5 bushings for fitting different hand tools.
- ✓ Drill hold.

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

(Pieza de mano no incluida.)

Electronic spatula (for paralellometer)

Ref. 100006 A/B/C

Ø 3, 2,35 or 2 mm fixing shaft (diameter to be chosen when ordering). Ideal to be fitted in a paralellometer, 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.

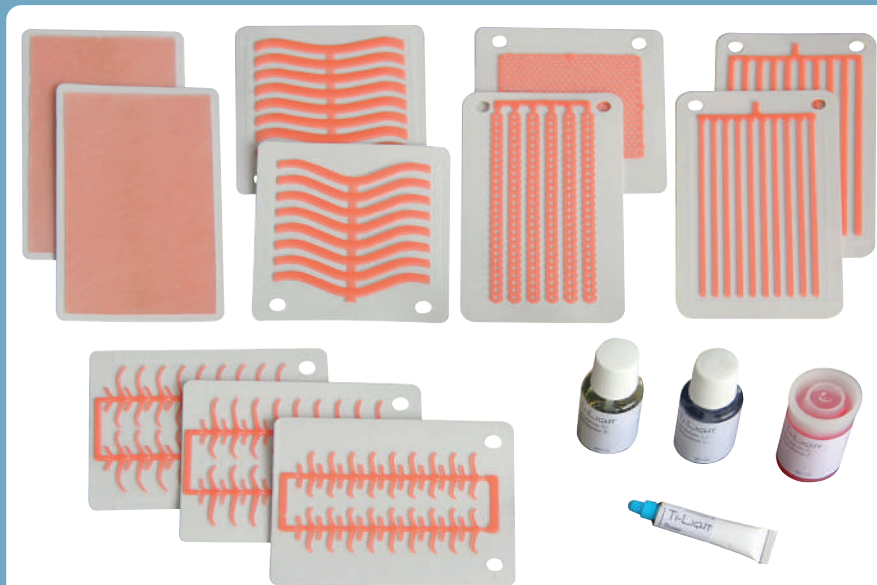
Ø fixing shaft of paralellometer	A- Ø 3 mm	Ref. 100006A
Mestra	B- Ø 2 mm	Ref. 100006B
	C- Ø 2,35 mm	Ref. 100006C

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

65 mm
120 mm
75 mm
0,650 kg
(L) 240 x (W) 180 x (H) 90 mm | 1 kg

Ø 20
23 mm

Light curing pattern Ti-Light



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

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

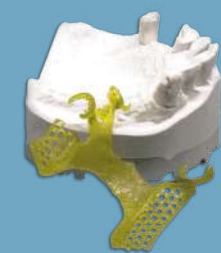
Can you imagine now the time and consumable that you would save with that material?

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

CONTENT OF THE START-UP KIT REF. 110001

Description	Quantity
Molar clasps (18 pieces)	1 sheet
Premolar clasps (18 pieces)	1 sheet
Skeleton sheets	1 sheet
Stipple sheet 0.35 mm	1 sheet
Stipple sheet 0.45 mm	1 sheet
Stipple sheet 0.45 mm	1 sheet
Lingual bar	1 piece
Palatal bar	1 piece
Palatal bar	1 piece
Palatal plate	1 piece
Reinforcing rods (thick)	5 pieces
Reinforcing rods (thin)	5 pieces
Finishing lines	1 piece.
Glue (polymerizable)	5 g.
Separator L	20 ml
Separator D	20 ml
Separator F	25 ml

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



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



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



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



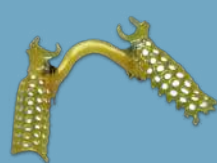
The union between the different elements of the skeleton is simple. Depending on the case, they can be glued by joining together and then pressing them with your finger; or adding some Ti-Light® adhesive.



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



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



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



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

REPLACEMENTS

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

E2 washing and polymerizing machine

Ref. 080060



Chassis completely made of stainless steel

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



1- Shower programme

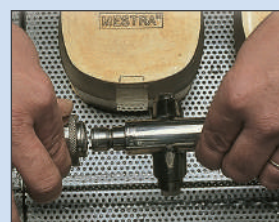
- ✓ The computer or the user can set a temperature (e.g. 80 °C) so that the E2 washer/polymerizer is ready to shower at all times.
- ✓ Shower time required.

2- Polymerization programme

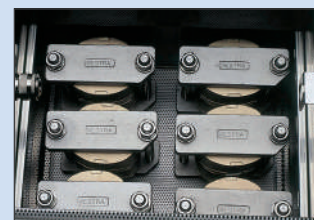
- ✓ Delayed start time in hours and minutes from 0.00 to 99.59. This means the programme can be set to run at a particular time. This delay works each time the programme is started.
- ✓ Duration of each controlled temperature increase gradient in hours and minutes from 0.00 to 99.59.
- ✓ Required holding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

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 Polymerizer M-18

Ref. 080400

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) x (H) 470 mm (without knob)	(L) 500 x (W) 420 (with key) x (H) 510 mm (without knob)
Inside measures	(L) 350 x (W) 180 x (H) 335 mm	(L) 400 x (W) 320 x (H) 350 mm
Weight	15 kg	20 kg

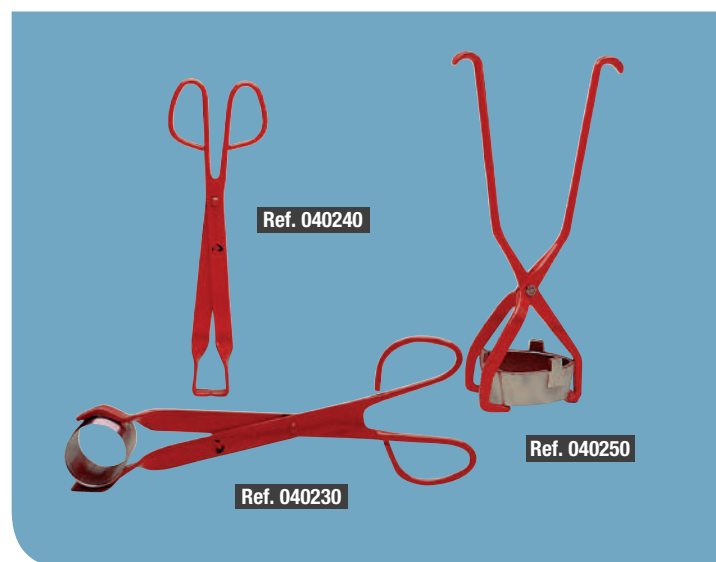
M-9  (L) 650 x (W) 330 x (H) 550 mm | 18 kg

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

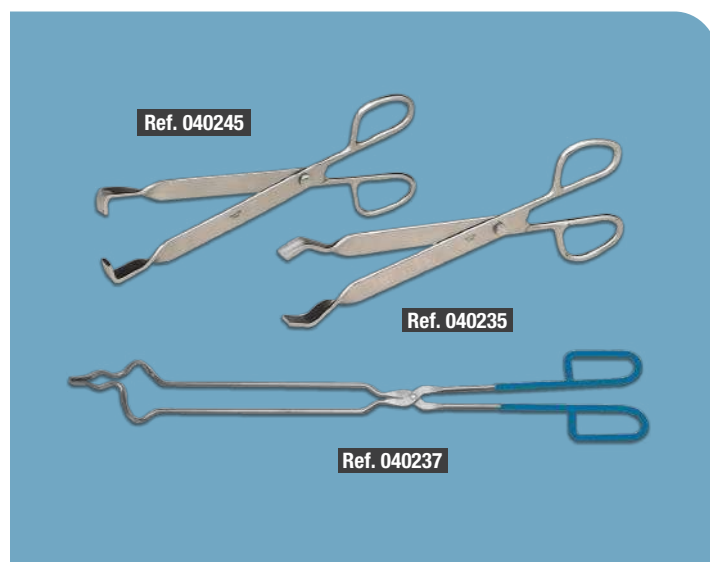


Ref. 080402 It is exactly the same as the Ref. 080400 except for its size. It can hold up to 18 flasks.

Tongs for flasks



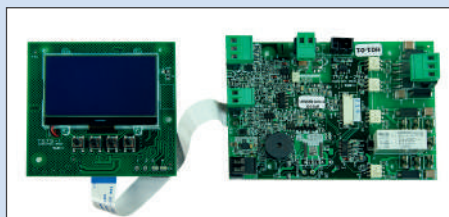
Tongs (stainless steel)



POLI *Magic-9* Polymerizer Ref. 080405

POLI *Magic-18* Polymerizer Ref. 080407

The **POLI** controls family has been developed as an economical alternative to the **MESTRA's** standard electronic controls. Their performance and features meet perfectly the needs and expectations of most of the users, but at a very appealing price. And this is why they are particularly recommended for clients who have not very special operation requirements. Apart from the price, another advantage is their easy operation and programming. The POLI line is available for the **Magic-9** and **Magic-18** Polymerizers and for the **POLIExtreme LP-E2**.



MICROPROCESSOR

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

FEATURES:

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



Ref. 080405
Room for 3 clamps with three flasks each.



Ref. 080407
It is exactly the same as the Ref. 080400 except for its size. It can hold up to 18 flasks.



	Ref. 080405 - Magic-9	Ref. 080407 - Magic-18
Voltage	230 V - 50-60 Hz.	230 V - 50-60 Hz.
Power	1750 W	3000 W
Dimensions	(L) 480 x (W) 270 (con llave) x (H) 470 mm (con pomo)	(L) 500 x (W) 420 (con llave) x (H) 510 mm (con pomo)
Inside measures	(L) 350 x (W) 180 x (H) 335 mm	(L) 400 x (W) 320 x (H) 350 mm
Weight	15 kg	20 kg

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

POLI Extreme LP-E2 washing and polymerizer machine

Ref. 080063

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

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



Automatic polymerizing pot Autopol Geisser

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

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



Two safety valves.



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



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



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



Certificate por TÜV Rheinland®
Type certificate 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 litres) **Ref.030422** (8 litres)

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

Maximum temperature 60 °C.



Double safety valve:



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

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

Poli-Plus (pressure polymerizer)

Ref. 080460

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

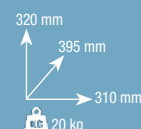
When the working cycle finishes, there is a manual discharge and an automatic disconnection.



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



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



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

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.



Inox

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

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



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

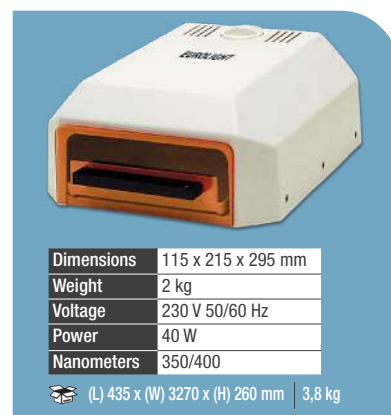
90 mm
110 mm
110 mm
2 kg

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

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

Ref. 100036

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



NEW

Ref. 100037

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



Light curing plates

Pink (box 50 u.)

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

Ref. 130322 Thickness: 1,4

MESTRA curing plates for the fabrication of custom trays and bite plates for the production of wax mounts.

Its slight transparency allows to perceive marks on the model.



MEGATRAY Light curing plates

Pink (box 50 u.)

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

Ref. 130334 Thickness: 1,4

Megatray curing plates for the fabrication of custom trays and bite plates for the production of wax mounts.

Its slight transparency allows to perceive marks on the model.



Hydraulic press

Ref. 030350

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

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



USEFUL SPACE

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

(L) 270 x (W) 270 x (H) 570 mm | 22 kg

DIMENSIONS

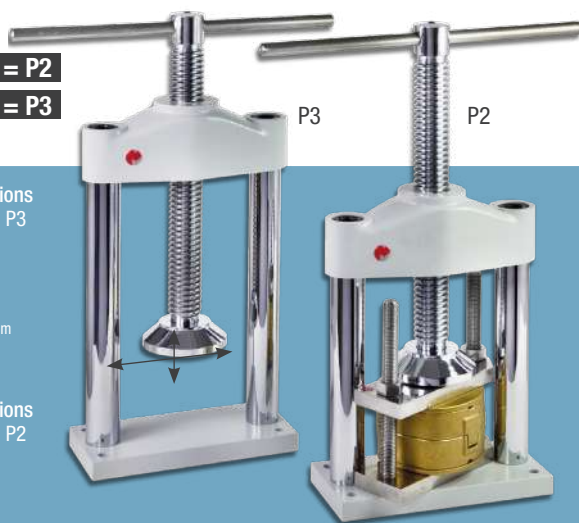
Height	530 mm (screw down)
Width	225 mm
Depth	230 mm (without lever)
Diameter of the table	125 mm
Weight	20 kg

Presses

(for flasks)

Ref. 030360 = P2

Ref. 030370 = P3



Inside dimensions
Ref. 030370 = P3

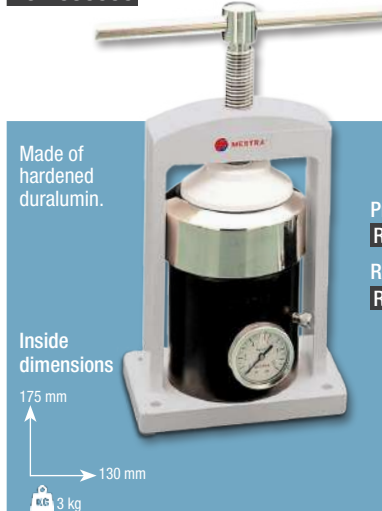
255 mm
140 mm
12,6 kg

Inside dimensions
Ref. 030360 = P2

180 mm
140 mm
11,5 kg

Clamp (for pressure-vessel)

Ref. 030000



Made of
hardened
duralumin.

Inside
dimensions

175 mm
130 mm
3 kg

Pressure vessel

(for self-polymerizing
resins)

Ref. 030010

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			

Clamp for flasks

(brass and stainless steel)

S-1 Ref. 030090 110 x 25-95 mm

S-2 Ref. 030100 110 x 90-165 mm

S-3 Ref. 030110 110 x 140-235 mm

Spring clamp for flasks

(spring loaded)

C-1 Ref. 030120 110 x 25-75 mm

C-2 Ref. 030130 110 x 90-145 mm

C-3 Ref. 030140 110 x 140-215 mm

Clamps for flasks

(made of stainless steel)

S-1 Ref. 030150 110 x 45-75 mm

S-2 Ref. 030160 110 x 90-145 mm

S-3 Ref. 030170 110 x 140-200 mm

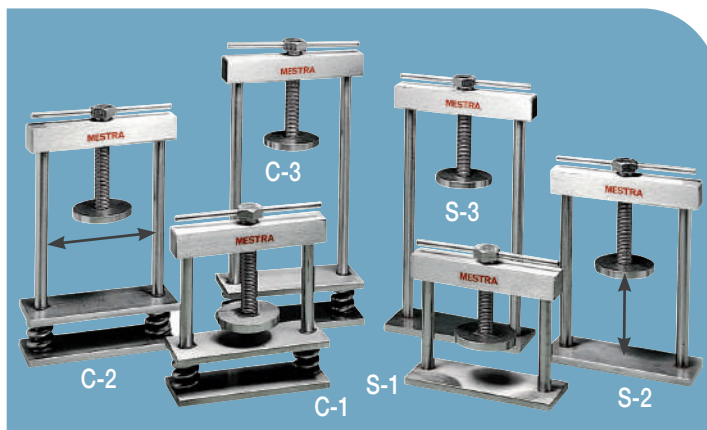
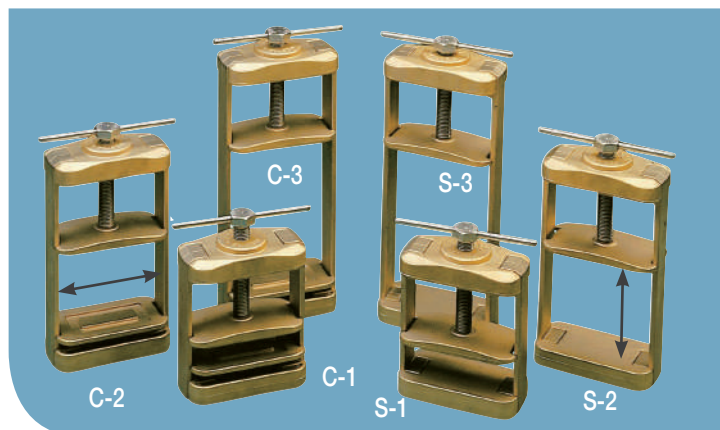
Spring clamp for flasks

(made of stainless steel)

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

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

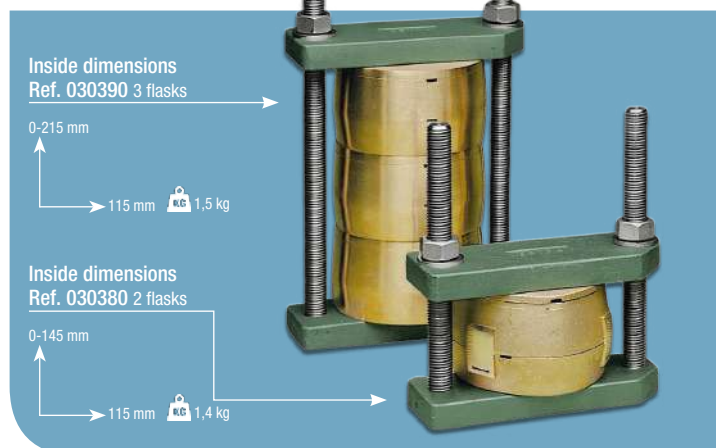
C-3 Ref. 030200 110 x 140-200 mm



Clamp for press (aluminium)

Ref. 030380 2 flasks

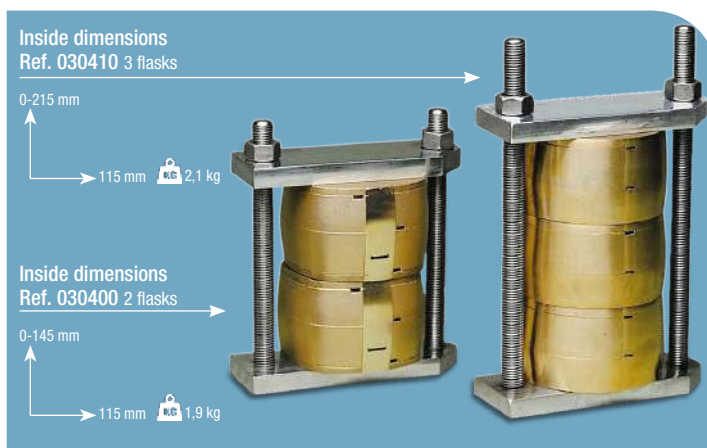
Ref. 030390 3 flasks



Clamp for press (stainless steel)

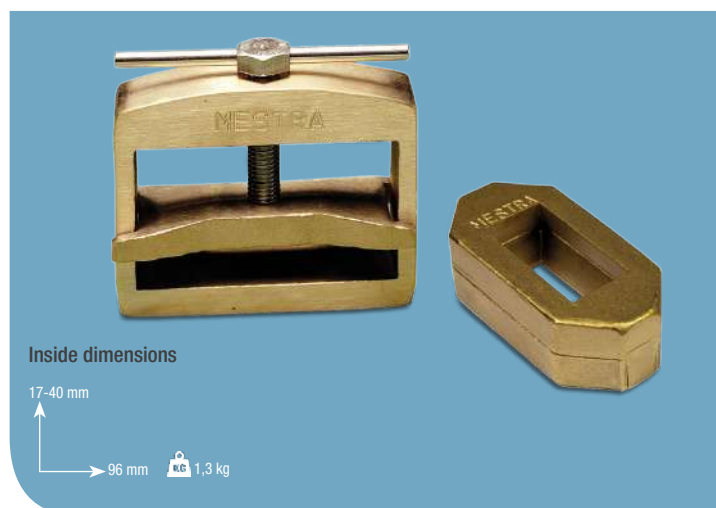
Ref. 030400 2 flasks

Ref. 030410 3 flasks



Clamp for bridges (brass and stainless steel)

Ref. 030210

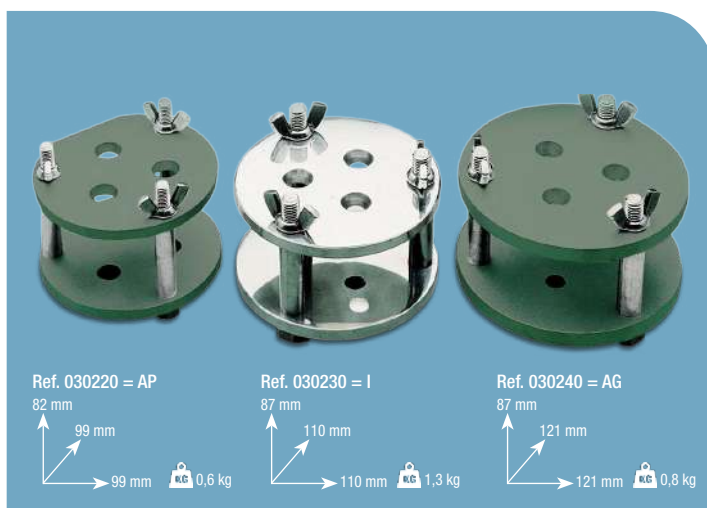


Clamp for rebasing (aluminium and stainless steel)

Ref. 030220 = AP

Ref. 030230 = I

Ref. 030240 = AG



Verticator Handy Basic

Ref. 130100

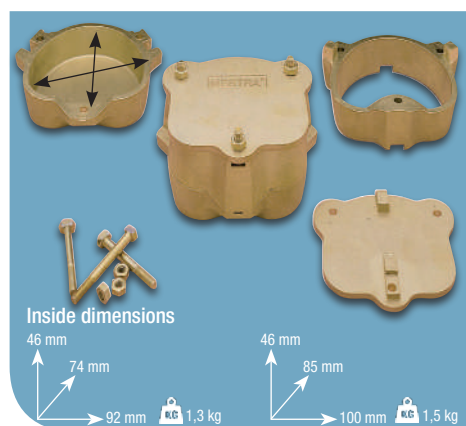
This configuration, which we could call minimal or basic, is recommended for those users who wish to start with the system. With this combination it is possible to perform most of the works.

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.



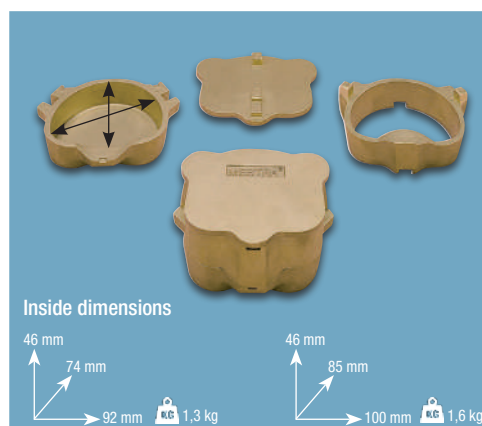
Flask with screws

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



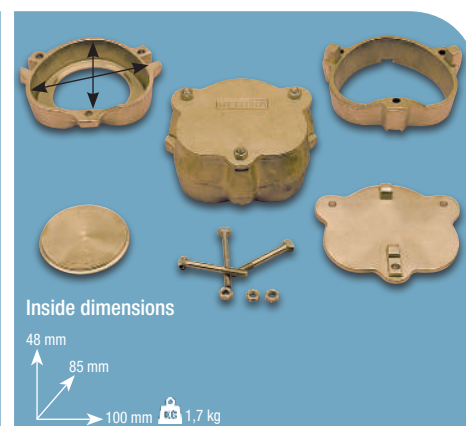
Screwless flask (for clamp)

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



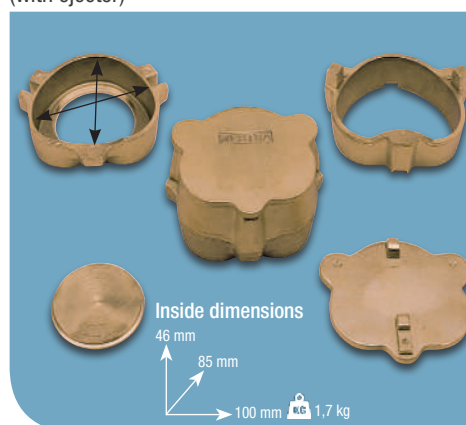
Flask with screws (with ejector)

Ref. 020060



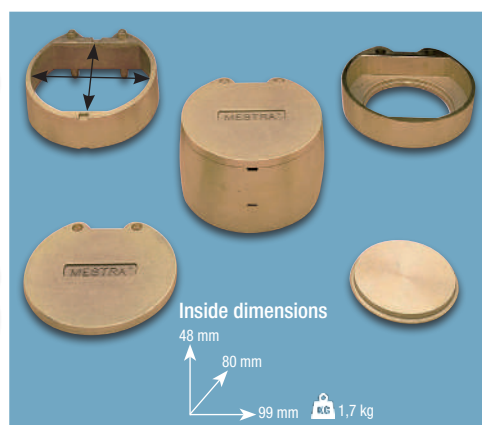
Screwless flask (with ejector)

Ref. 020070



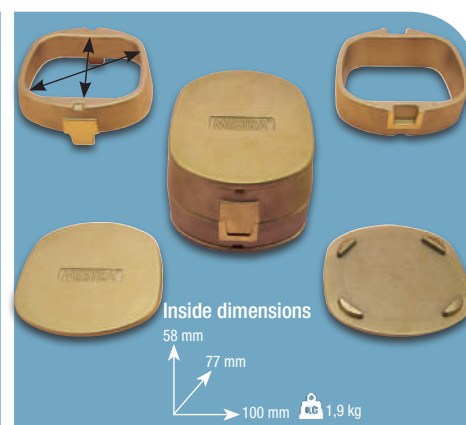
Round flask

Ref. 020080



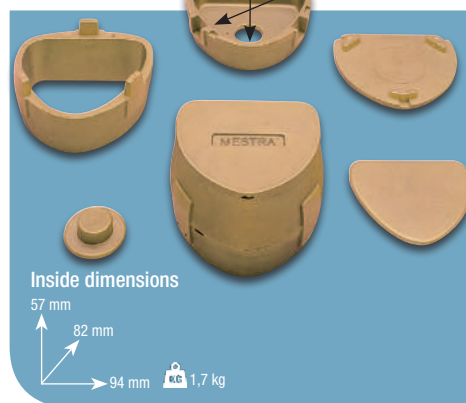
Square flask

Ref. 020090



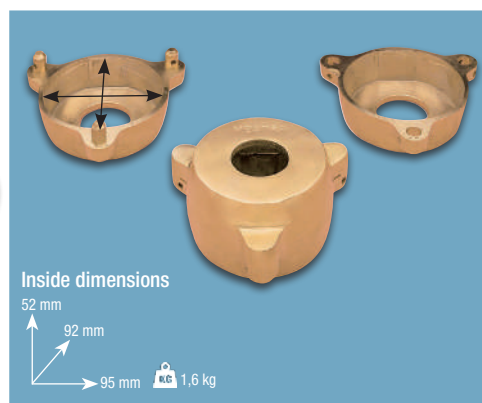
Triangular flask

Ref. 020100



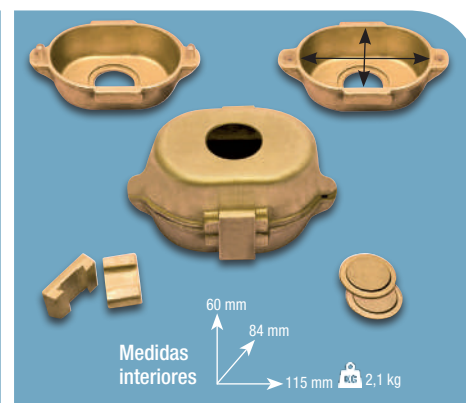
Flask with three pins (for clamp)

Ref. 020130



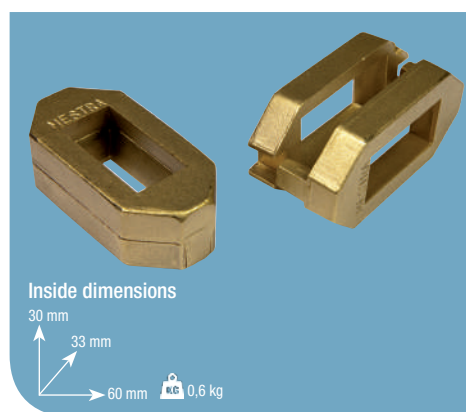
Flask with two pins and wedges

Ref. 020135



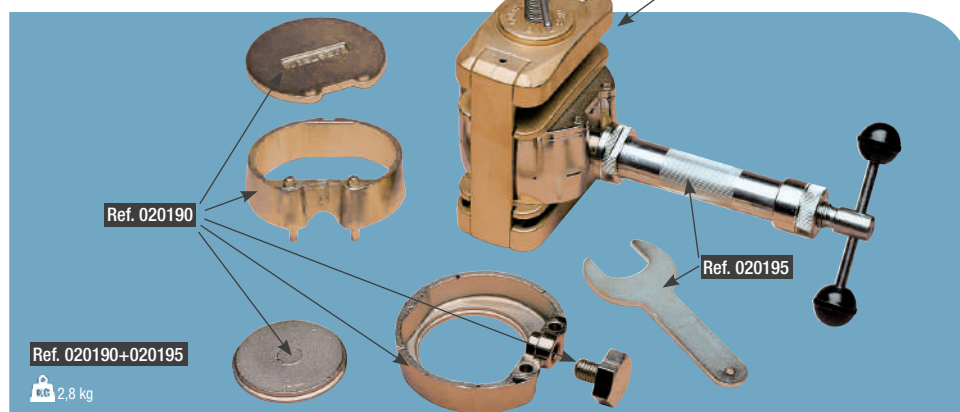
Flask for bridges

Ref. 020140



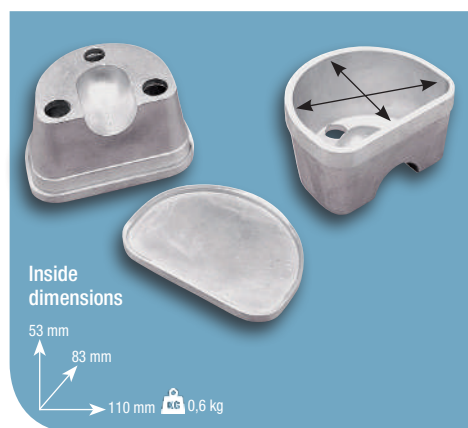
Resin injector

Ref. 020195



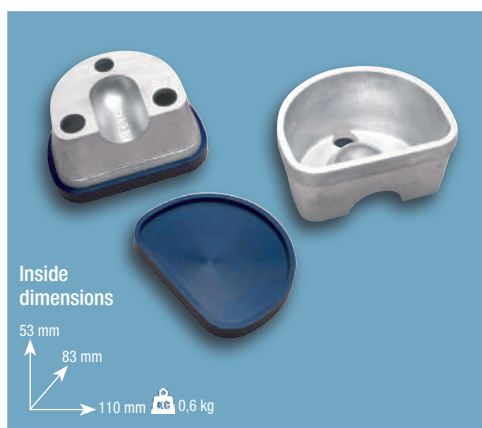
Flask (large)

Ref. 020150 Material: Aluminium



Flask (large)

Ref. 020151 Material: Aluminium and rubber



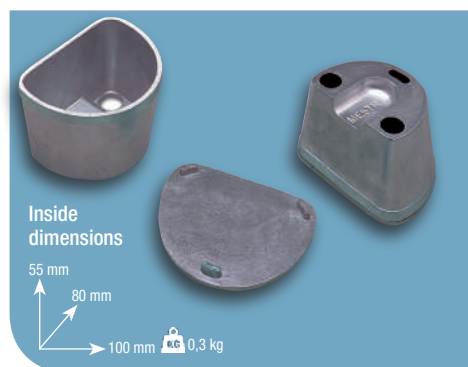
Flask (small)

Ref. 020160 Material: Aluminium and rubber



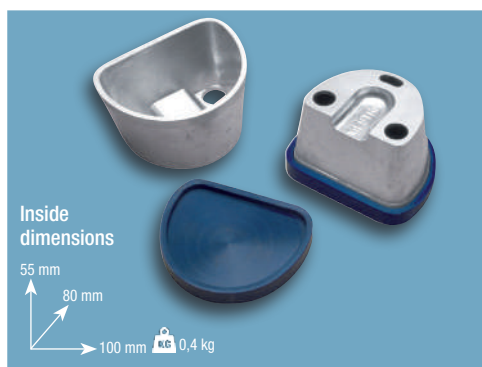
Flask (small)

Ref. 020170 Material: Aluminium



Flask (small)

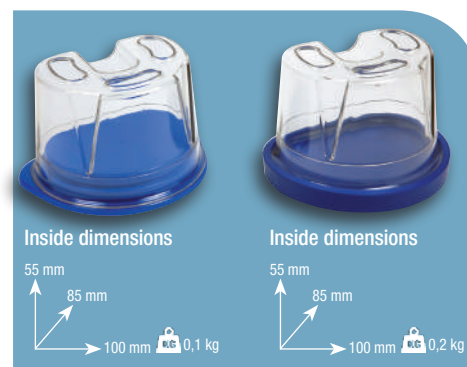
Ref. 020171 Material: Aluminium and rubber



Flask

Ref. 020180 Material: Polycarbonate

Ref. 020185 Material: Polycarbonate and rubber



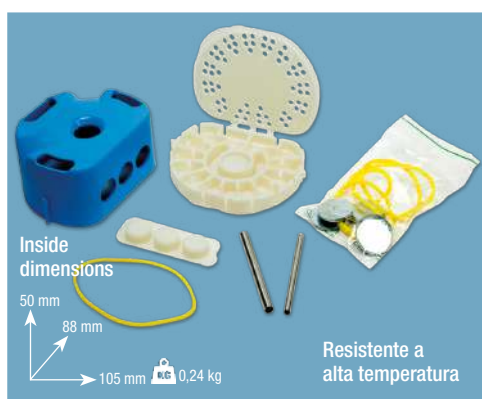
Flask duplicating (for silicone)

Ref. 020186 Material: Polycarbonate



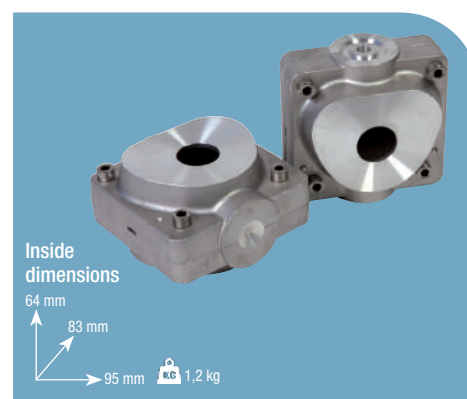
Pouring for flask

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



Vestcast 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 Vestcast 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 Vestcast.
- ✓ Very compact. Easy to maintain and operate.

Cabinet for Vestcast (stainless steel)

Ref. 040062

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



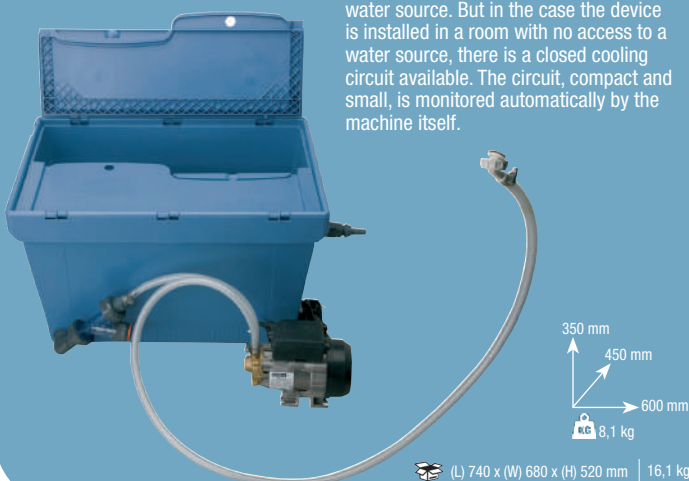
(L) 700 x (W) 700 x (H) 880 mm | 47 kg



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.

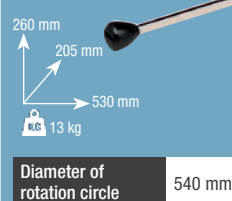


(L) 740 x (W) 680 x (H) 520 mm | 16,1 kg

Mestra G3 casting machine

Ref. 040000

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



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

Ref. 040000-09

Centrifugal spring G-3

Ref. 040010-06

Centrifugal spring Mestra

Ref. 040040-02

Centrifugal spring Kerr type

NOT AVAILABLE FOR EU

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



Cabinet for casting machine

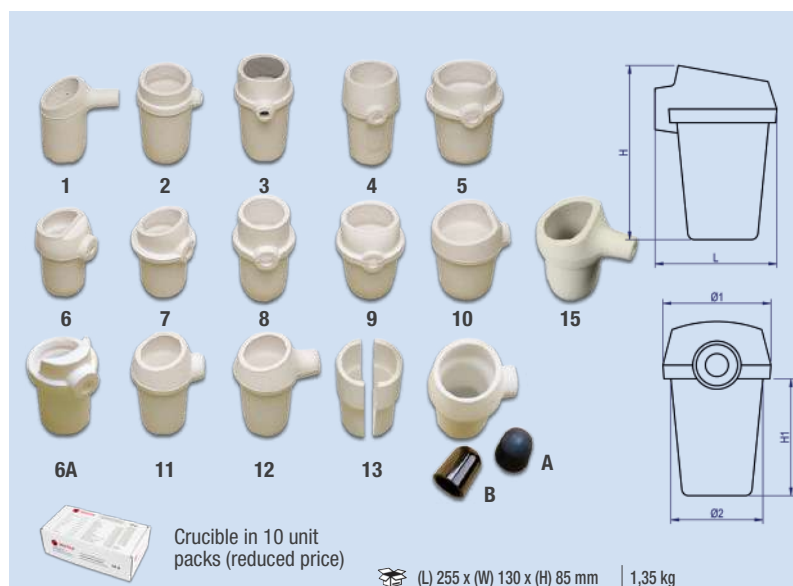
(stainless steel) Ref. 040065

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



(L) 700 x (W) 700 x (H) 880 mm | 45 kg

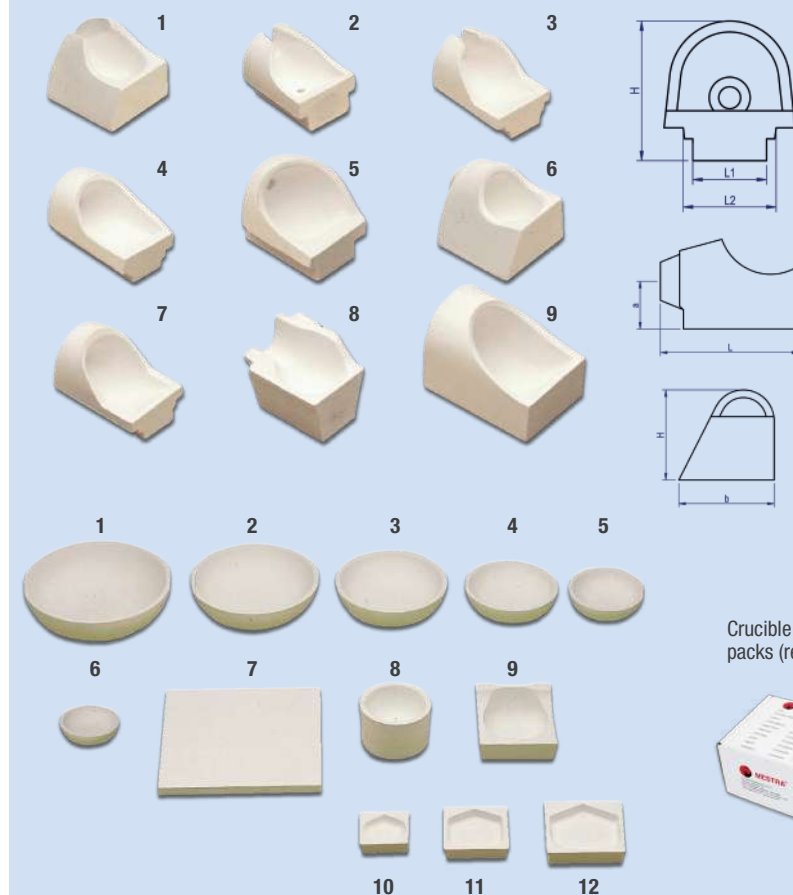




All these crucibles are also made with double layer as shown in figure 3.

N°	Reference	Model type	H	H1	L	Ø1	Ø2	Weight gr	Double layer	Weight gr
1	040548	LINN DKV2	70	-	63	38	38	75	040568	91
2	040550	LINN DK2	76	55	51	46	43	85	040570	80
3	040552	DENTAURUM	84	57	52	46	42	86	040572	102
4	040554	BEGO FORNAX	79	54	50	47	41	125	040574	140
5	040556	MANFREDI C 35	77	53	61	59	50	160	040576	176
6	040558	GALLONI	65	45	46	42	35	79	040578	95
6 A	040559	GALLONI II	64	42	45	42	34	66	040579	82
7	040560	MANFREDI C 15	69	45	47	47	37	75	040580	91
8	040561	DUCATRON	77	49	48	46	38	98	040581	114
9	040564	ERCEMS	68	45	50	43	79	99	040584	95
10	040566	HOWMEDICA	66	45	56	51	45	82	040586	98
11	040562	DUCATRON SR. 3	76	51	53	47	40	87	040582	103
12	040563	DUCATRON SR. 3 LENGTH PEAK	76	51	63	47	40	104	040583	150
13	040565	NAUTILUS	81	51	-	47	41	104		
14	040525 040526 = A 040527 = B	DUCATRON FOR CAP GRAPHITE CAP CARBON CAP	74	47	53	46	38	91	Para oro	
15		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

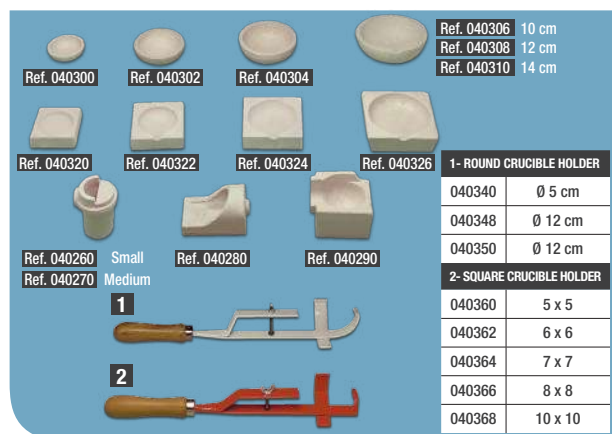
N°	Reference	Model	Ø	H	a	b	Weight gr
1	040588	R160	160	44	-	-	485
2	040590	R140	140	43	-	-	367
3	040592	R120	120	42	-	-	288
4	040594	R100	100	24	-	-	163
5	040596	R80	80	21	-	-	101
6	040598	R60	60	15	-	-	59
7	040600	170	-	10	170	170	512
8	040602	R5	66	33	-	-	227
9	040604	C90	-	20	68	70	191
10	040606	C45	-	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)



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

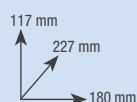


It is perfect for those works that do not require a classical programming cycle of ramps and plateaus. Just select the set point temperature, and the furnace will start heating directly until this temperature is reached. Then, this temperature will be kept for a time programmed by the user.

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

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

Dimensions of the muffles



Capacity in litres: 4.8
Vent hose: Ø 38 mm

Furnace power	2000 W
Max. temperatura	1100°C

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



Casting ring cleaner/Wax remover

Ref. 080068

Inox

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

Inox

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

Inox

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

Height	380 mm	Power	600 W
Width	185 mm	Ø hose	38.5 mm
Weight	5.3 kg	Fuse	4 A

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



Casting rings and cones

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

Ref. 040131 **Ref. 040132** **Ref. 040133**

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

1X **3X** **6X** **9X**

Ref. 040126

CASTING RINGS

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

Plastic casting rings

Ref. 040150 **Ref. 040155** **Ref. 040160**

Ref. 040170 **Ref. 040180** **Ref. 040190**

Ref. 040195 **Ref. 040200** **Ref. 040205**

Polyethylene cones

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

Ref. 040208 Conos - 100 uds.

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

Dimensions: 6 mm, 24 mm, 30 mm, 60 mm, 6 mm

Silicone casting rings

Ref. 040164 **Ref. 040168**

Ref. 040163 **Ref. 040167**

Ref. 040162

Silicone casting rings (oval)

Ref. 040165

Ref. 040166

Oval casting ring adapter
(for casting machine)

Ref. 040169 2 unit set

Large **Small**

Trays for furnace

Ref. 050527 **Ref. 050513** **Ref. 050529-S**

Ref. 050529 **Ref. 050528**

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

Set of ceramic firing trays

Ref. 050530

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

Pneumatic chisel starting pedal

Ref. 050552

Dimensions: 76 mm, 107 mm, 200 mm, 122 mm

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.

Dimensions: 77 mm, 11 mm, 10 mm, 8 mm, 140 mm, 50 mm

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



External bottle
not included.

- ✓ Made of stainless steel with high quality components.
- ✓ Digital pressure switch.
- ✓ Full and lack of water indicator.
- ✓ Connection cable with built-in differential switch.
- ✓ Drain tap with safety lock.

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



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.

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



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.



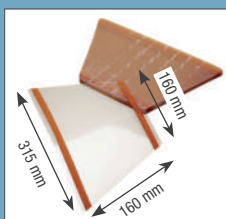
Tungsten nozzles

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



Heating element



Ref. 080242-50

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

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

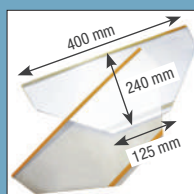
(L) 740 x (W) 520 x (H) 550 mm | 32 kg

Sandblaster Galaxy

Ref. 080235

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.



Ref. 080235-50

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

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

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

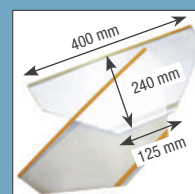
Sandblaster Cosmos

Ref. 080233

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



Ref. 080235-50

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

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

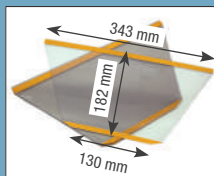
(L) 700 x (W) 540 x (H) 730 mm | 28,5 kg

Sandblaster Plutón (stainless steel)

Ref. 080253 2 Tanks

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

Inox



Ref. 080253-50

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

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

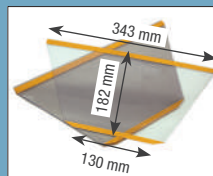
(L) 490 x (W) 475 x (H) 490 mm | 9,5 kg

Sandblaster Plutón (stainless steel)

Ref. 080254 1 Tank

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

Inox



Ref. 080253-50

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

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

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

Sandblaster Constellation (stainless steel)

Ref. 080262 2 Tanks

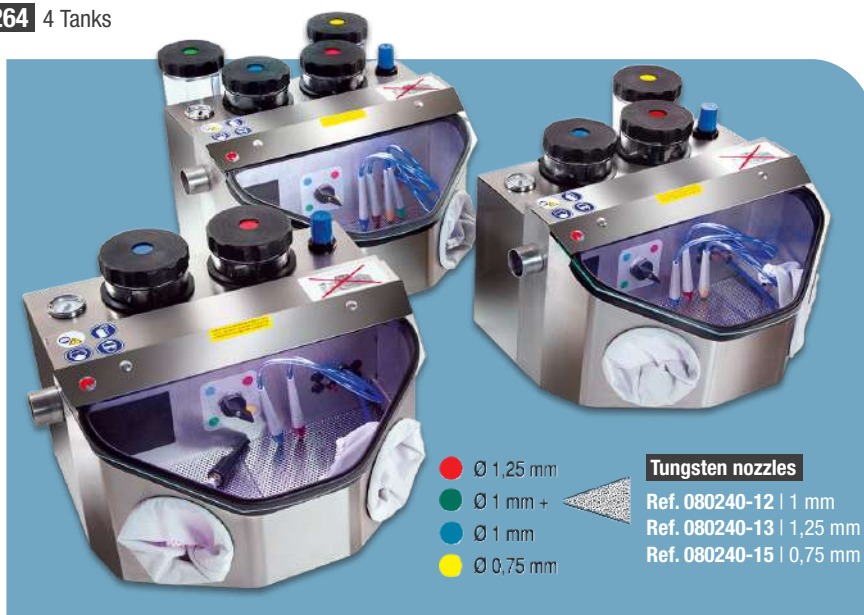
Ref.080263 3 Tanks

Ref. 080264 4 Tanks

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

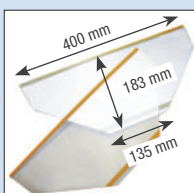
Ref. 080240-12 | 1 mm
Ref. 080240-13 | 1,25 mm
Ref. 080240-15 | 0,75 mm

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

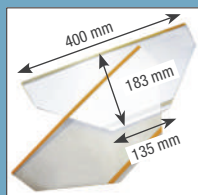
Dimensions	315 x 300 x 440 mm (3-4 tanks)
Operating pressure	2 a 5 bars
Max. air consumption	80 l/min.
Voltage	230 V 50-60 Hz
Power	20 W
Weight	15,5 kg

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



Sandblaster Constellation Practic (Epoxy paint)

Ref. 080259 2 Tanks



Ref. 080262-50

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

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



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

Eclipse I sandblaster

Ref. 080221 1 Tank



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

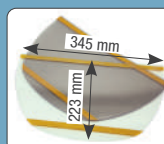
Eclipse II sandblaster

Ref. 080220 2 Tanks

The pneumatic components employed by the Eclipse sandblaster family have been chosen from the high-end industrial range. This guarantees a long, problem-free life, as long as all recommended maintenance procedures are carried out. To work comfortably, it's essential to have optimal visibility.

The Eclipse sandblasters offer complete vision through a large window. Almost 80% of the upper cover of the cabin is glass. The position of your hands and back is also very comfortable when it comes to choosing a good viewing angle.

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



Ref. 080220-12

Easy to place self-adhesive Protective Cover. 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

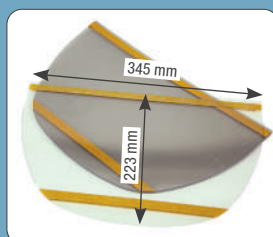
Same characteristics as **Eclipse II**.

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.

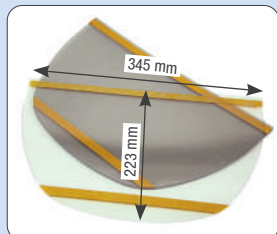


Eclipse II-T sandblaster

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.



Hopper capacity up to 8 kg of sand.

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



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

Terra sandblaster

Terra I **Ref. 080292**

Terra II **Ref. 080294**

Terra III **Ref. 080296**

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

The name of the three models is still similar:

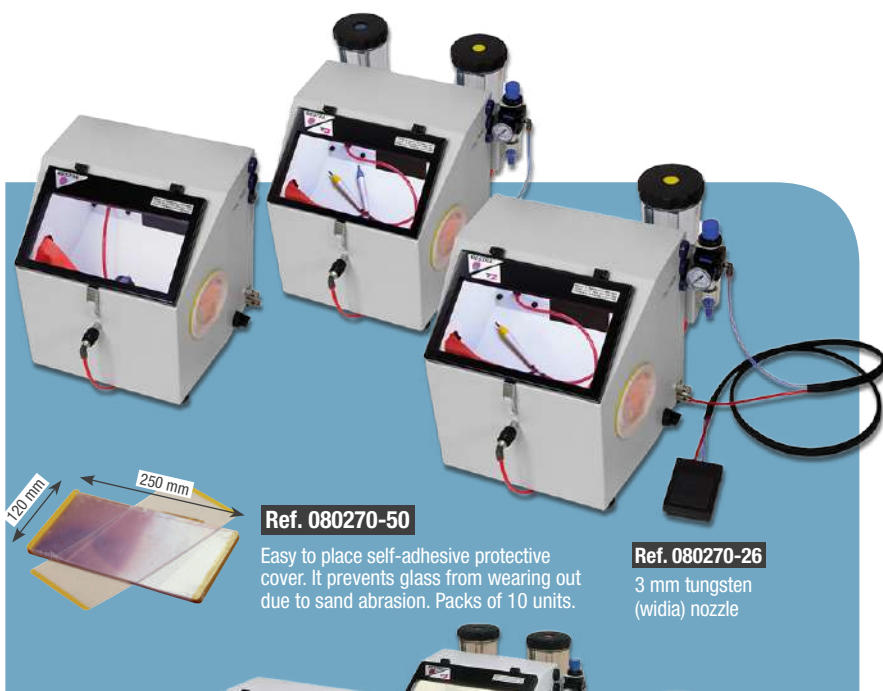
TERRA I - It features just a fixed nozzle.

TERRA II - It features a fixed nozzle and a tank for micro-blasting.

TERRA III - It features a fixed nozzle and two tanks for micro-blasting.

Dimensions	390 x 470 x 410 mm	Voltage	230 V 50-60 Hz
Operating pressure	2 a 5 bars	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.

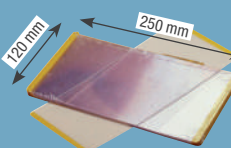
T2 - Has a 1,25 mm mobile nozzle.

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**

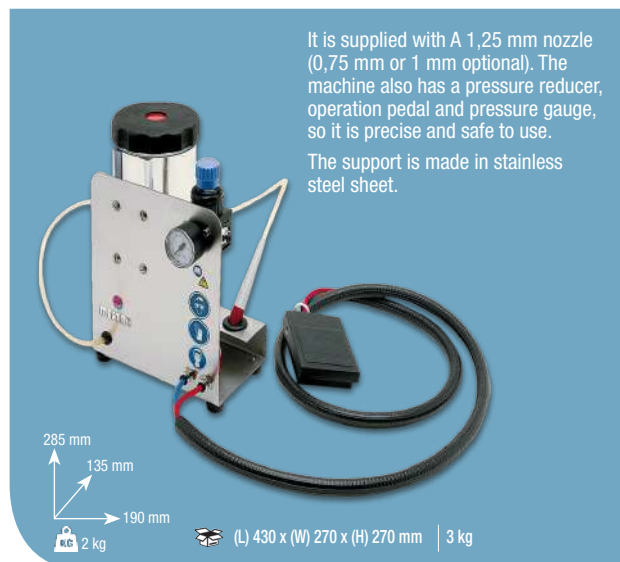
Dimensions	345 x 435 x 360 mm	Voltage	230 V 50-60 Hz
Operating pressure	2 a 5 bars	Consumption	LED 6 W
Max. air consumption	100 l /min	Weight	9,5 kg

 (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.

285 mm
135 mm
190 mm
 2 kg

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

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.

Included

Oxide	50/100 microns
Pressure	4 a 5,5 kgf/cm ²

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

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

Aluminium oxide (4 kilos)

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

Product of the highest purity (more than 99 %) and excellent grain with marked sharp edges for perfect abrasion.

It is sold in 4 kg cans with particle sizes of 50, 100, 150 and 250 microns. Moisture free.

Essential in any dental laboratory to remove plaster remains and abrasion from all types of materials.



Glass microsphere (3 kilos)

Ref. 080312 50 µm

Very high quality product. The spheres have great uniformity in size and resistance to impact, avoiding breakage.

Unlike the sharp edges of aluminum oxide, the blunt surface of the microspheres causes the ridges of the material to be treated to be crushed.

The result is a shiny and smooth surface with a soft touch. Ideal for the treatment of dental metals and alloys. It is sold in 3.3 kg cans.



Microchamber for automatic sandblasting of metallic structures

Ref. 050586



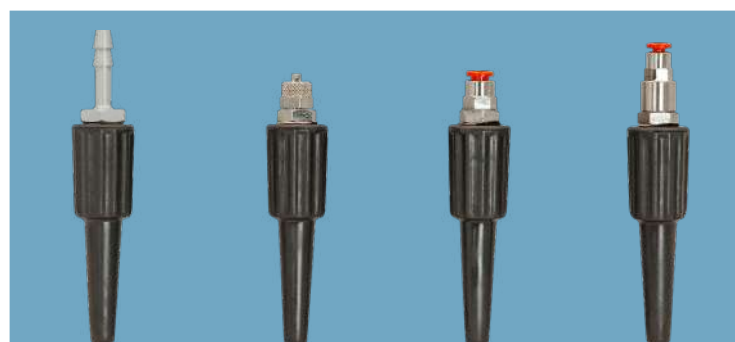
(L) 49 x Ø 33 mm | 0,01 kg



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



Pressure air nozzle



Ref. 050220
 (for tube Ø 8)

(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

Work box

Ref. 060210

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

210 mm
 230 mm
 360 mm
 1,5 kg



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

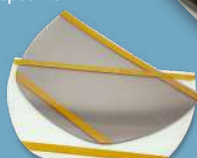
Finishing box Eclipse

Ref. 080216

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

Particularly recommended for those tasks where a greater amount of dust and/or gases may be generated. Ergonomics, lighting and practicality are maintained with respect to the Orion model.

Height 275 mm
 Width 360 mm
 Depth 330 mm
 Weight 2,8 kg



Ref. 080220-12
 Protector de plástico.

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

Finishing box Eclipse with built-in suction

Ref. 080217

NEW

This box has similar features to the "Eclipse revision booth" (Ref. 080216), but with the particularity of integrating its own suction unit.

Its small dimensions make it ideal in places with little space, where it is important to keep the environment clean without the need for bulky suction equipment. If necessary, the machine can be connected to an external extraction source.

Height 275 mm
 Width 360 mm
 Depth 330 mm
 Weight 2,8 kg



Ref. 080220-12
 Protector de plástico.

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

Work box Orión

Ref. 080214

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

Common elements in the 2 models:

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



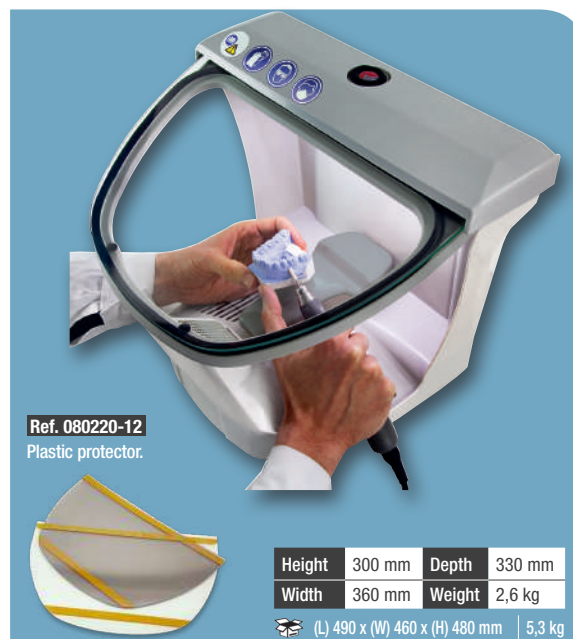
The hood is connected to an external suction tube through a pivotable outlet. Detachable boxes collect the dust that could fall through the hand rests.



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



It covers all your finishing and polishing needs. Constructed entirely of enamelled steel, it features a large, perfectly illuminated, and shadow-free workspace thanks to its powerful Daylight system.

It has a double filtration system with easy access from both the top and bottom, and the extraction power, as well as the power switch, can be controlled with a single button.

Connection elements and equipment:

- ✓ START/STOP switch for extraction.
- ✓ Compressed air gun and pressure gauge.
- ✓ Hood and dust collection system with extraction that allow for independent and/or complementary work.
- ✓ Extraction system with easy access to a double filtration system.
- ✓ Two drawers. Main switch and lighting switch.

Power	650 W	Voltage	220 V
Suction	172 m³/h	Noise level	68Db
Micromotor power	40 W		



1240 mm
550 mm
850 mm

Small finishing box

Ref. 080534L



Ref. 080534-12
Plastic protector.

230 mm
290 mm
290 mm

2,4 kg

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.

Large finishing box (designed for zirconium)

Ref. 080212

Finishing box that is fully compatible with the Sirocco M and L suction units with which it forms an extremely useful and reliable tandem for a clinic and laboratory environment, allowing small polishing and refinishing operations.

- ✓ Spacious and robust design.
- ✓ Large screen and access.
- ✓ LED lamp for perfect illumination.
- ✓ Great working ergonomics.
- ✓ Comfortable and practical armrests.

336 mm
542 mm
500 mm



Ref. 080212-12
Plastic protector.

Large finishing box with suction

Ref. 080213



- ✓ 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.

300 mm
500 mm
475 mm



Ref. 080213-05
Plastic protector.

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 1800 / 3600 60 Hz
Suction power	500 m³ h.

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



500 mm
500 mm
800 mm
50 kg

Box with suction for polishing

Ref. 080502

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

The body is made of high-strength polypropylene, combined with a steel chassis to form a highly robust unit. This also eliminates the corrosion problems to which machines of this type are prone. The body can also be used with all models of polisher, though it is intended principally for use with MESTRA models.

Its ergonomic design makes polishing and changing the filter simple and comfortable.

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

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

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



500 mm
500 mm
800 mm
34 kg

Polisher with suction (centralized)

Ref. 080501



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

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



Box with suction for polishing (centralized)

Ref. 080504

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

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



Polishing Mini Box Gorbea

Ref. 080508

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

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

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

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



250 mm
300 mm
400 mm
4,6 kg

Cepillos no ncluidos.

Mini polisher (Variable speed)

Ref. 080164



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

185 mm
175 mm
270 mm
2,6 kg

Polishing Mini Box

Ref. 080509

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

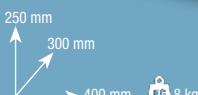


ACCESSORIES:

Ref. 080509-02

Ref. 080509-03

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



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



Brushes not included.

Mini polisher (variable speed)

Ref. 100276



6 kg

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

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



Polishing lathe

Ref. 080162

For polishing and grinding metals, etc. by using dry or wet methods.

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



12 kg

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

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



Brushes not included.

Optional



ACCESSORIES:

Ref. 080160-03

Ref. 080175

Ref. 080160-04

Polishing lathe

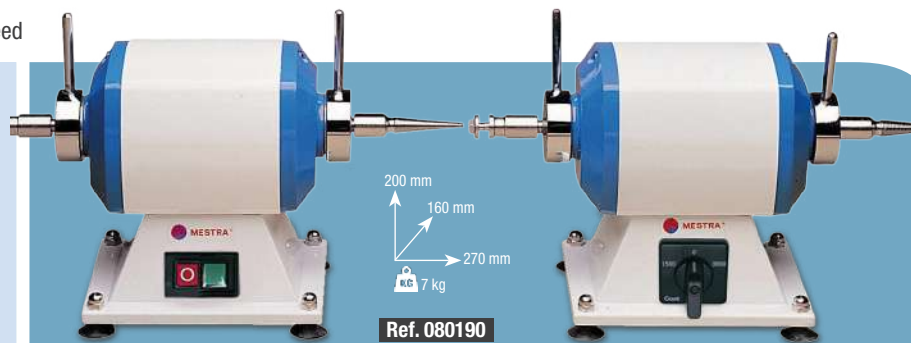
Ref. 080150 Single speed Ref. 080160 Double speed

The MESTRA polishing lathe has a modern and elegant design. It is made according to the most modern concepts ensuring high quality and safety.

The motor housing is made of extruded aluminium tube (special section). Outside diameter is 125 mm. Its conic ends allow perfect sight of working area. Large base resting on 4 suction pads for greater stability.

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

(L) 430 x (W) 270 x (H) 270 mm | 9 kg



Ref. 080150



7 kg

Ref. 080190



Optional

Ref. 080160

Shield for polisher (metal)

Ref. 080200

Light and splash protection with adjustable visor.

(L) 525 x (W) 295 x (H) 350 mm | 5,76 kg

Shield for polisher (rubber)

Ref. 080210

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

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

Shield for polisher (rubber)

Ref. 080211

Blind. No hole for air suction hose.

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



Ref. 080210



1,2 kg

Ref. 080200



4,3 kg

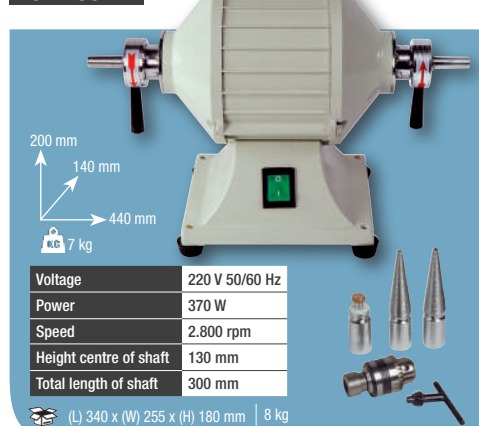
Ref. 080211



1,2 kg

Polishing lathe Import

Ref. 100274



Variable speed mini polisher

Ref. 100277

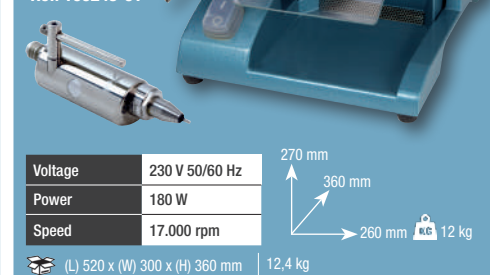


High speed polisher

Ref. 100245

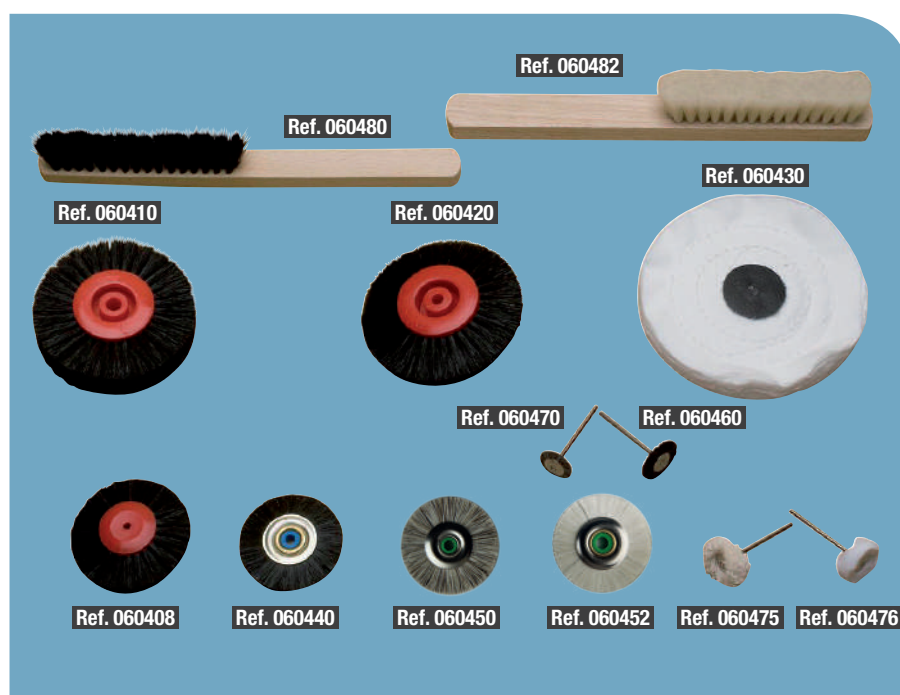
Drill chuck collet
Ref. 100245-03

(Bushing) drill chuck
Ref. 100245-01

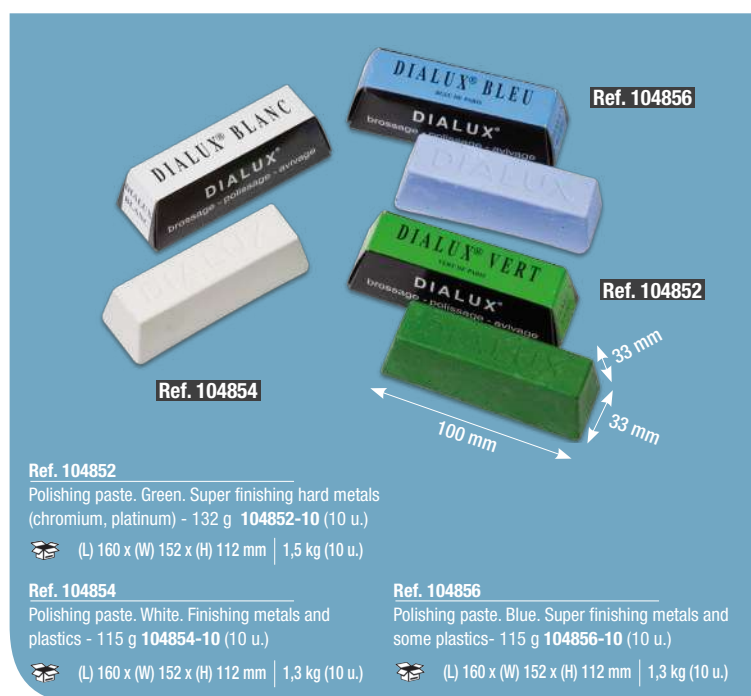


Brushes and fabric discs

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



Polishing paste (high shine)



Felt discs and cones



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 A	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 1litres



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

Using it together with electrolytic baths of the type dental and/or jewelry, the quality achieved is excellent. In addition, it remains without degrading for many cycles of use. Its viscous texture prevents splashing and makes it much easier to clean up accidentally spilled debris.

Ready for use. Suitable for any electrolytic polishing device.



Electrolytic polisher

Ref. 100291

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

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

It is also possible to memorise a polishing programme.

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

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



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**

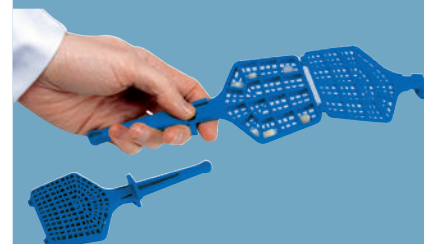
Height	300 mm no support 350 mm with support
Width	180 mm
Depth	285 mm 380 mm with tap
Weight	6,1 kg
Voltage	230V, 50 Hz
Power	1.300 W
Pressure	4 bar
Capacity	2 litres



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

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	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 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.



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

Also available in graphite color
Ref. 100240

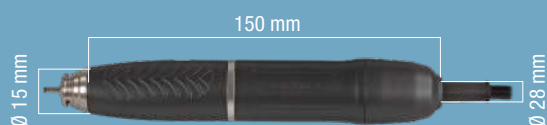


Sense A6 - Induction

Ref. 100232 (white)



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



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



Prime 221 - Induction

Ref. 100236



- ✓ Brushless motor.
- ✓ Manual or pedal speed control.
- ✓ 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

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



Micromotor (brush)

Ref. 100283

Occasional use,
not recommended
for metals.



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

Micromotor (brush)

Ref. 100284

Occasional use,
not recommended
for metals.



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

Micromotors

(brush)

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
Occasional use,
not recommended for metals

Portable micromotors

(10 h autonomy)

Ref. 100279

(brush)

Ref. 100282

(brushless) intramatic



Ref. 100279-50

Pieza de mano

Ref. 100280-50

Pieza de mano

	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

Occasional use, not recommended for metals

Prime 221 - intramatic connection

Ref. 100237



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

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

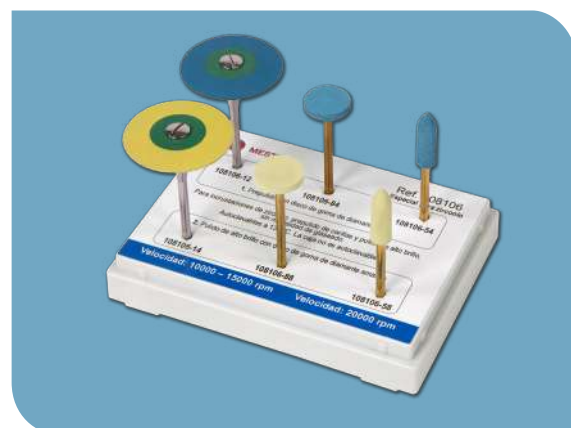
Dimensions	88 x 147 x 120 mm	Power	70 W
Weight	1,15 kg	Voltage	0~33 V
Max. speed	35000 rpm	Handpiece weight	215 g
Torque	3.0 N-cm		

Polishing discs and burs for zirconia



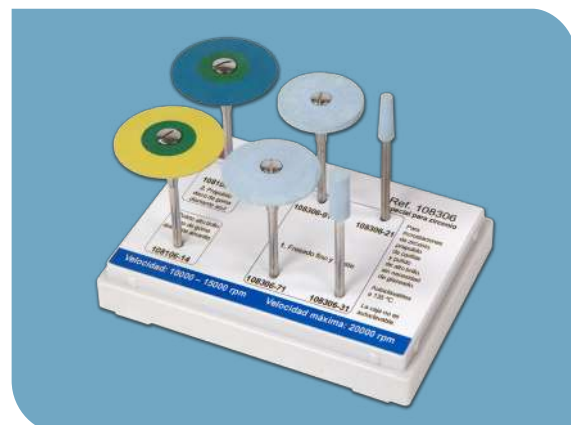
2-STEP KIT Ref. 108106

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. 108106-14 Diamond rubber Extra-fine grain • Fine 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. 108106-88 Diamond rubber Extra-fine grain • Fine 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. 108106-58 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. 108106-14 Diamond rubber Extra-fine grain • Fine 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. 108306-71 Diamond ceramic Med. grain • Fine grinding and adjusting Bur Ø 22 x 2.5 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. 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
--	--	--	--

Tungsten burs

High performance. For plaster trimming.

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

(L) 50 x (W) 10 mm | 0,004 kg



Silicone burs



(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

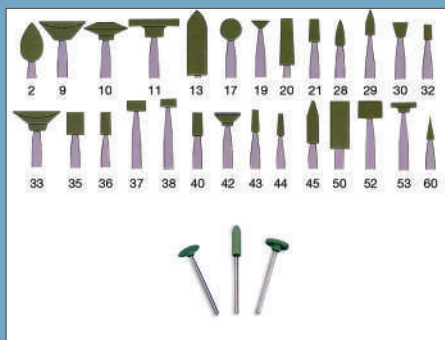
Polishing pads



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

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

Abrasive stones (12 unit box)



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

Ref. 106402 Ref. 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

Set of 30 burs (diamond)

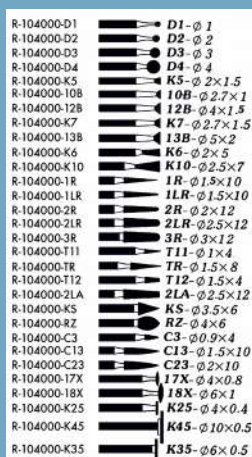
Ref. 104000

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



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

Reposiciones



Set of 10 burs (diamond)

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

Two types of set are available:

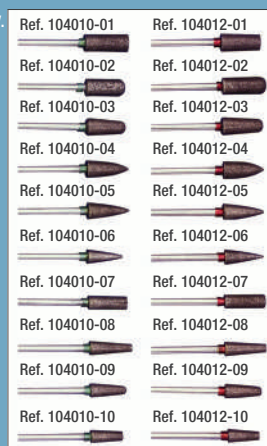
Ref. 104010 Green band set (gross)
Special for work with metals.

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

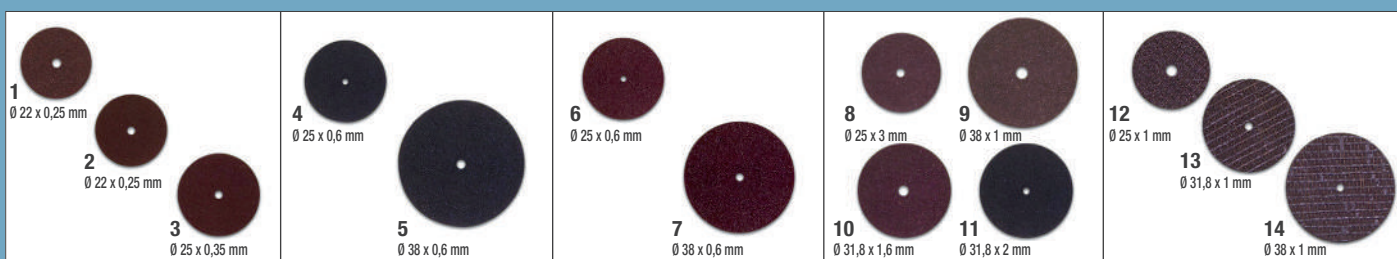


(L) 68 x (W) 62 x (H) 23 mm | 0,044 kg

Replacement parts



Abrasive disks (100 units boxes)



ULTRAFINE DISKS

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

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

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

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

STANDARD CUTTING DISKS

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

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

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

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

SPEEDY DISKS

6- Ref. 105060
25 Ø x 0,6 mm (100 u.)

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

7- Ref. 105061
38 Ø x 0,6 mm (100 u.)

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

GRINDING WHEELS

8- Ref. 105070
25 Ø x 3 mm (100 u.)

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

9- Ref. 105071
38 Ø x 1 mm (100 u.)

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

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

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

DISKS WITH FIBERGLASS

12 Ref. 105080
25 Ø x 1 mm (50 u.)

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

13 Ref. 105081
31,8 Ø x 1 mm (50 u.)

14 Ref. 105082
38 Ø x 1 mm (50 u.)

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

Mandrels

Ref. 060600 Type mandrel 304-8 (10 unit bag)

Ref. 060602 Type mandrel 304 (10 unit bag)

Ref. 060604 Type mandrel 303 (10 unit bag)

Ref. 060606 Type mandrel 302 (10 unit bag)

Ref. 060608 Type mandrel 303-S (10 unit bag) Stainless Steel



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

Motor supports

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

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

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



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

Hanging motor arm support



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

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

Eolo Induction aspiration unit

Ref. 080533

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.



NEW

585 mm
500 mm
210 mm
17 kg

Power	750 W
Ruido	65 dB

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

Ciclon dust decanter

Ref. 080535

It is a simple device to be connected to the inlet pipe of a conventional Aspiration Unit for pre-filtering dust particles.

The air circulates along a circuit that makes the dust particles fall into an inner tank. More than 99% of the aspirated dust and dirt is removed, reducing the risk of obstruction of the aspiration pipes and making the working life of the aspiration filters considerably longer.

The dust tank is easily accessible and, therefore, cleaning the device is a comfortable and simple task. The device features Widthring elements especially adapted to EOLO aspirations, with which it makes up a high performance compact unit.

CICLON is built in high resistance polypropylene.



590 mm
275 mm
155 mm
2 kg

(L) 520 x (W) 300 x (H) 360 mm | 3 kg

Sirocco suction units

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

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

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

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



Sirocco S

Ref. 080534



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.



Ref. 080534AT

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

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

Tube 700 mm • Ø 45 mm • Weight 3.8 kg



Ref. 080534AC

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

- ✓ Large screen and access.
- ✓ LED lamp for perfect illumination.
- ✓ Great working ergonomics.

Height 365 mm • Width 290 mm
Depth 290 mm • Weight 5.5 kg



Ref. 080534AL

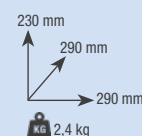
Sirocco S suction unit and a dental laboratory finishing box that is fully compatible with the benchtop unit, forming a very compact and balanced unit.

- ✓ 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



Clinic finishing box
Ref. 080534C



Sirocco M y L

Ref. 080536 - Ref. 080537



These are two robust, quiet and highly reliable suction units, the M model being particularly practical for use under the workbench and the larger capacity L model.

Its brushless motor extends its service life by five to ten times compared to traditional models. They incorporate a connection for an external micromotor and a milling machine that will operate synchronously with the suction unit. In addition, its ergonomic design with handles and wheels facilitates its use and mobility in the clinic and laboratory.

Depending on requirements, you can choose to use disposable bag filters or reusable HEPA filters, or even a ULPA filter, as well as three different arm types; flexible hose for connection to other devices, swivelling snake arm or articulated arm, which are also equipped with different suction hoods.

- ✓ Extensive set of fully compatible accessories.
- ✓ Exceptionally quiet operation.
- ✓ Easy to use and change filter.



SIROCCO M WITH FLEXIBLE HOSE

Ref. 080536A (small disposable filter)
Ref. 080536D1 (reusable filter 4.3 l)
Ref. 080536D2 (reusable filter 2.5 l)



SIROCCO M WITH ARTICULATED ARM

Ref. 080536C (small disposable filter)
Ref. 080536F1 (reusable filter 4.3 l)
Ref. 080536F2 (reusable filter 2.5 l)



SIROCCO M WITH SNAKE ARM

Ref. 080536B (small disposable filter)
Ref. 080536E1 (reusable filter 4.3 l)
Ref. 080536E2 (reusable filter 2.5 l)

Sirocco M Technical characteristics



Power	800 W
Noise	55 dB
Filtration grade ULPA U15	



SIROCCO L WITH FLEXIBLE HOSE

Ref. 080537A (large disposable filter)
Ref. 080537D (reusable filter 7.5 l)



SIROCCO L WITH ARTICULATED ARM

Ref. 080537C (large disposable filter)
Ref. 080537F (reusable filter 7.5 l)



SIROCCO L WITH SNAKE ARM

Ref. 080537B (large disposable filter)
Ref. 080537E (reusable filter 7.5 l)

Sirocco L Technical characteristics



Power	800 W
Noise	55 dB
Filtration grade ULPA U15	

Gemini aspiration unit

Ref. 080539

*Unsuitable for micro-motors.

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

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



Gemini mini aspiration unit

Ref. 080538

*Unsuitable for micro-motors.

For use in locations with reduced space.

Voltage	230 V
Power	1150 W
Noise	68 dB
Capacity	9,5 l
Potentiometer	650-1150 W
Detection from	100 W
Suction	Solids and liquids

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



Dry piston compressors

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

Extremely quiet operation (60 dB), easy maintenance (dry piston) and excellent reliability.

They are supplied with two pressure gauges (boiler and service pressure), outlet pressure regulator and complete set of valves for draining. The service pressure can reach 8 bars.

NOT SUITABLE FOR MILLING MACHINES



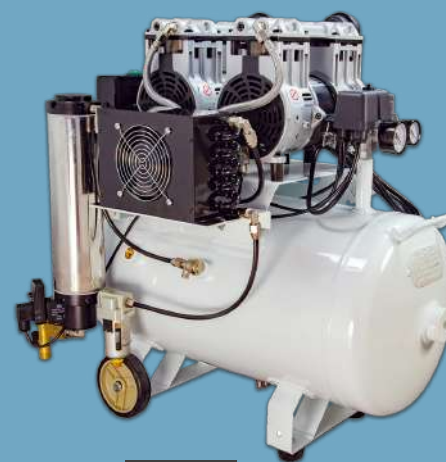
Ref. 110300
80 l/min



Ref. 110310
80 l/min (with dryer)



Ref. 110330
160 l/min



Ref. 110340
160 l/min (with dryer)



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

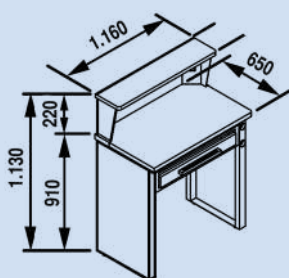
Very high quality work tables. Assembly is simple.

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 Oríon work box (Ref. 080214), forming a compact and fully integrated set.

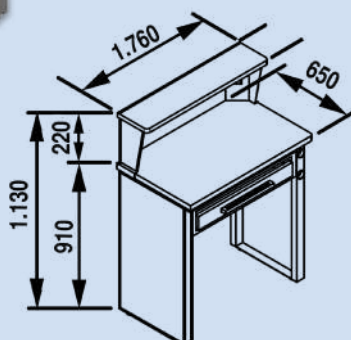
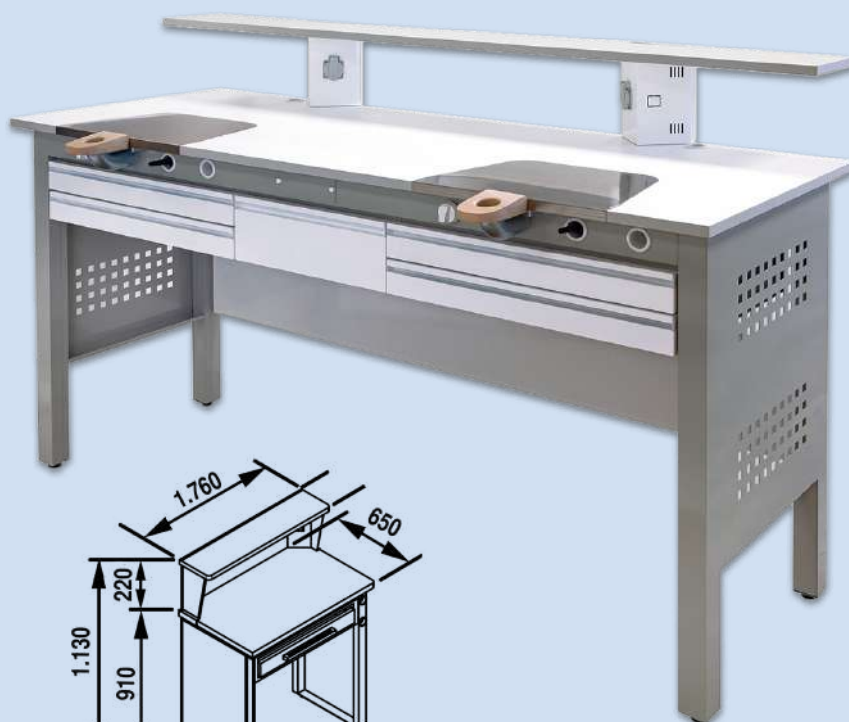
The dimensions and geometries allow the easy incorporation of other **MESTRA** products (Eolo Aspiration, micromotors, curing lights, etc.), creating an ergonomic and highly productive work environment.

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
Connection	220 V	220 V



Ref. 100304

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



(Kit) Finishing table - Made in Spain

Ref. 100301 K2

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

GIFT:

- Magnifying glass.
- Magnet bur holder.

Chair for workstation

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

Ref. 100300

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

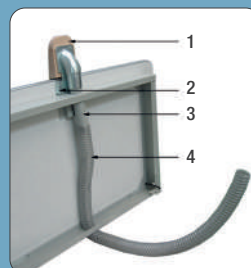
Finishing table - Made in Spain

Ref. 100301

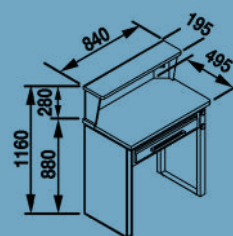
Metal work table with wooden worktop.
Assembly is simple.

They have all the elements and accessories for work in dental environments:
2 sockets, shelf, drawer, etc.

- 1 100301-04
Aspiration peg.
- 2 100301-05
Peg support.
- 3 100301-02
Metal tube.
- 4 080530-04
Flexible tube (1 m.)



(L) 900 x (W) 600 x (H) 660 mm | 46 kg



Import table

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.

900 mm
600 mm
1220 mm
86 kg

(L) -- x (W) -- x (H) -- mm | -- 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

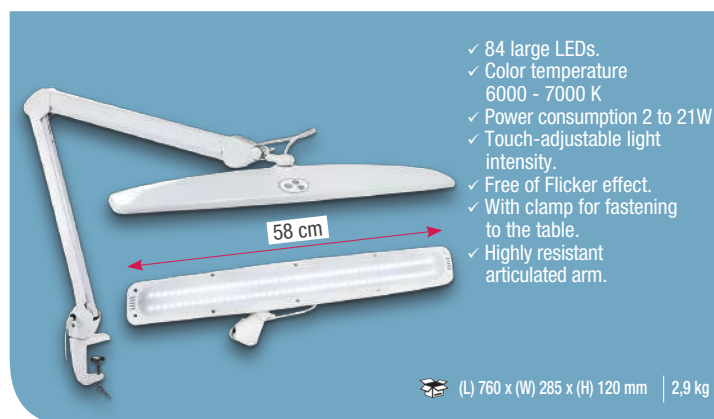
Wheels with safety brake (EN 1335-2:2009)

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



LED lamp (articulated arm)

Ref. 100288



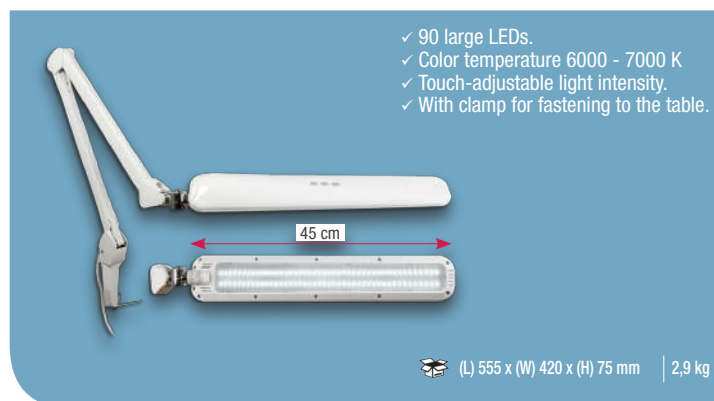
LED lamp (articulated arm)

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



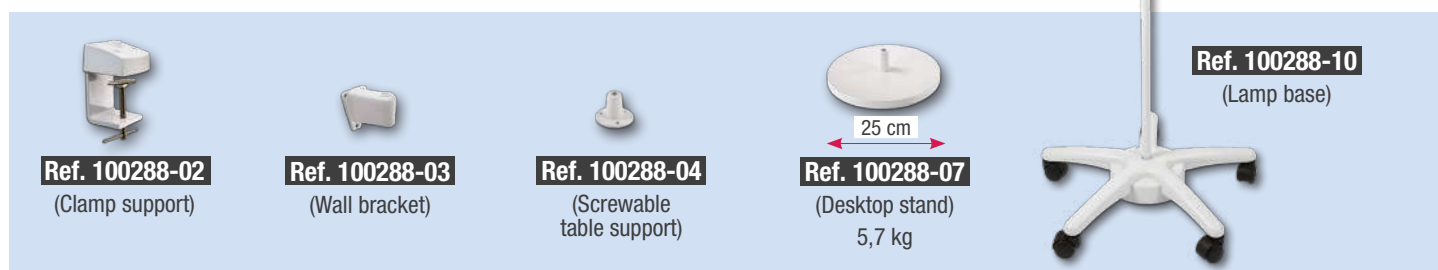
Working lamps

Waldmann W



Accessories for lamps and magnifying glass

Ref. 100287 - 100287-5X - 100288 - 100290



<u>Description</u>	<u>Page</u>	<u>Description</u>	<u>Page</u>
ABRASIVE, DISKS AND STONES	64-65	DRESSER, DIAMOND	8
AGATA SPATULA	7	DUPLICATING FLASKS	40
AIR NOZZLE, RUBBER	53	E2 WASHING AND POLIMERIZING MACHINE	32
ALGINATE BOWL	10	ECLIPSE I, II, T	50
ALGINATE SPATULA STAINLESS STEEL	7	ELECTROLYTIC BATH	58
ALTAMIRA	47	ELECTROLYTIC, POLISHING SOLLUTION	58
ALUMINIUM OXIDE	53	ELECTRONIC SPATULA FOR WAX	30
ANETO	24	EOL0	66
ARCH FOR SAWS	10	FACE BOW	5
ARTICULATORS	3	FELT DISCS	57
ASPIRATION	66	FINISHING BOX	54
ASPIRATION, POLISHER BOX	55	FINISHING TABLE	71
ATACHE TONGS	30	FIRING PEGS	45
ATLAS	20	FLASK - DUPLICATING	40
BASE MODEL FORMER	6	FLASK - INJECTION	40
BASE PLATE	22	FLASK FOR MICROWAVES	40
BI-V-PIN	21	FLASKS	39-40
BLOWTORCH	36	FLASKS - BRASS	37
BOOMERANG	13	FORCEPS FOR PLASTER CUTTING	8
BOWL FOR PLASTER BEATING	9	FURNACE, PRE-HEATING	43
BOWL FOR VACUUM MIXER	15	G-3 CENTRIFUGE	41
BOWL OF SILICONE	10	GALAXY	48
BOWS FOR SAWS	10	GAS BURNER	29
BOX FOR FINISHING	53	GEISSER	35
BOX FOR STEAM CLEANING	47	GEL BAT 6	24
BUFFALO, ALCOHOL BURNER	29	GEMINI	69
BUNSEN GAS BURNER	29	GLASS MICROSPHERE	52
BURNER FOR GAS	29	GORBEA	55
BURNER, INDUCTION	29	GRATING FOR TEETH CLEANING	58
BURS IN DIAMOND	63	GUN FOR SANDBLASTING	52
CALLIPER	10	HAMMER	8
CARVERS FOR WAX MODELING	8	HANDLES FOR SCALPEL	8
CASTING MACHINE	41	HEATER FOR COMPOSITES	23
CASTING RING CLEANER/WAX-REMOVER	44	HIGH SPEED POLISHER	56
CASTING RINGS	45	HOLDER FOR INSTRUMENTS	8
CATALYTIC CONVERTER FOR FURNACES	44	HOLDING CLAMPS FOR WELDING	38
CEMENT SPATULA	8	HYDRAULIC PRESS	37
CENTRIFUGE	41	HYKIN, CARVERS	8
CERAMIC SOLDERING TWEEZERS	8	INDIGRAP - MODEL INDIVIDUALIZER	23
CERAMIC, FIRING TRAYS	45	INDUCTION HEATER	29
CERAMIC, PLIERS	9	INJECTION FLASK OF RESINES	39
CERAMIC, SET OF INSTRUMENTS	11	INJECTION SYSTEM FOR POLYAMIDE	24
CERAMIC, TRAY FOR FURNACE	45	INTERIOR, MODEL TRIMMER	20
CERAMICS, TOOL SET	11	INSTRUMENT TRAY	12
CHAIR FOR WORK	71	IRIS	14
CHISEL, PNEUMATIC	35	IVANSON CALLIPER	10
CICLON	66	JELLY CUTTER	10
CLAMPS	37	JELLY MIXER	24
COMPOSITE HEATER	23	KNIFE FOR PLASTER	7
COMPRESSORS	69	KNIFE FOR WAX (ERMERT)	8
CONES FOR CASTING RINGS	45	KNIFE WITH FLASKS OPENER	7
CONSTELLATION	50	KOALA	15
COSMOS	48	LABORATORY BLOWTORCH	29
CROWN CALIPER	10	LADLE FOR MOLTEN METAL	42
CRUCIBLE TONGS	8	LAMP, POLYMERIZER	36
CRUCIBLES	42	LAMP, WALDMANN	71
CURING BASE PLATES, LIGHT	36	LE CRON, CARVERS	8
CURING LIGHT	36	LED LAMP	71
CUTTER	7	LIGHT CURING BASE PLATES	22
CUTTER FOR JELLY	10	LIGHT CURING WAX, TI-LIGHT	31
DECANTER	19	M9-18	34
DIAMOND BURS	65	MAGIC 9-18	34
DIAMOND DRESSER	8	MAGNETIC INSTRUMENTS RACK SUPPORT	9
DIE TRAY SYSTEM	23	MAGNETIC STAND	8
DISCS FOR CUTTING AND POLISHING	64	MAGNIFYING GLASS	71
DISCS, FELT	57	MANDRELS	65
DISPENSER FOR WATER-PLASTER	13	MICROMOTORS	59-63
DOWEL PIN	22	MEASURER FOR WAX-CROWNS	10

Description	Page
MICROCHAMBER FOR SANDBLASTING	53
MICROMOTOR SUPPORT	65
MICROSPHERE, GLASS	53
MICRO-VACUUM PUMP	15
MICROWAVES FLASK	40
MINI SANDBLASTING	52
MIXER CUP	9
MODEL FORMERS	5
MODEL INDIVIDUALIZER	23
MODEL SAW	23
MODEL TRAY	12
MODEL TRIMMER	16-18
MODEL TRIMMER FOR INTERIOR	20
MODELING, WAX CARVERS	8
MOTOR SUPPORT (TABLE WITH CLAMP)	65
MOULD FOR WAX	29
MULHACEN	16
NOZZLE, AIR	53
ORION	54
OVERHOIST - CLAMPS	37
PARALLELOMETER	30
PASTE FOR POLISHING	57
PIN DRILLING UNIT	20
PINS (BI-V-PIN, DOWEL PIN)	21
PLASTER SPATULA	7
PLASTER CUTTING FORCEPS	7
PLASTER KNIFE	7
PLASTER, BOWL FOR BEATING	9
PLASTIC SPATULA	7
PLIERS	9
PLIERS FOR CERAMICS	9
PLIERS FOR CROWNS	9
PLIERS RACK SUPPORT	9
PNEUMATIC CHISEL	45
PNEUMATIC POLYMERIZING POT	35
POLI-PLUS PRESSURE POLYMERIZER	35
POLISHER BOX WITH ASPIRATION	55
POLISHER, HIGH SPEED	57
POLISHING BOX	55
POLISHING LATHE	57
POLISHING PASTE	57
POLISHING PADS	64
POLISHING SOLUTION, ELECTROLYTIC	58
POLYAMIDE INJECTION SYSTEM	24
POLYMERIZER FOR FLASKS	32-35
POLYMERIZER LAMP	36
PORCELAIN TRAY	45
PORCELAIN, FIRING PEGS	45
PORCELAIN, TWEEZERS FOR	8
PORCELAIN, SET OF INSTRUMENTS	11
PORCELAIN, TRAY FOR FURNACE	45
PORTIONER FOR CERAMICS	9
POT, PNEUMATIC POLYMERIZING	35
PRECISION	10
PRESS	37
PRESSURE PNEUMATIC CONTAINER FOR CASTING RINGS	36
PRESSURE POLYMERIZER POLI-PLUS	35
PRESSURE VESSEL	37
QDENT TOOLKIT	11
RAIL FOR MODEL TRAY	12
RINGS, CASTING	45
SANDBLASTER	48-52
SANDBLASTER - AUTOMATIC	51
SANDBLASTING, MICROCHAMBER FOR	53
SAWS	10
SCALPEL HANDLE	9
SCISSORS	8
SET OF CERAMIC INSTRUMENTS	11

Description	Page
SILICONE - POINTS, WHEELS	64
SILICONE BOWL	10
SILICONE EDGE KNIFE WHEELS	64
SILICONE, POINTS-WHEELS	64
SIROCCO	67
SM-2 CASTING MACHINE	41
SMOKE EXTRACTOR	44
SPATULA FOR ALGINATE	7
SPATULA FOR CEMENT	8
SPATULA FOR PLASTER	7
SPATULA FOR WAX	7
SPATULA FOR WAX, ELECTRONIC	30
SPATULE FOR AGATA	7
SPOT WELDING MACHINE	23
STEAM CLEANER	46
STEAM CLEANING BOX	47
SUCTION UNIT	66-68
SUN BEAM	36
SUPPORT FOR PLIERS	9
SUPPORT FOR INSTRUMENTES, MAGNETIC RACK	9
SUPPORT FOR MICROMOTOR	65
SUPPORT RAIL FOR MODEL TRAY	12
SURVEYOR	30
T1-T2-T3	52
TABLE FOR FINISHING	72
TEETH CLEANING, GRATING FOR	58
TELESCOPIC CROWN PLIERS	65
TERRA	52
TI-LIGHT	31
TITAN, STEAM CLEANERS	46
TONGS FOR CRUCIBLES	8
TONGS	33
TONGS FOR FLASKS	33
TOOL SET	11
TRAY FOR CERAMIC FURNACE	45
TRAY FOR WORKS	12
TRIMMER FOR MODELS	18
TRIPON, BOWL HOLDER	42
TROLLEY	12
TUNGSTEN BUR FOR PLASTER	64
TWEEZERS FOR WELDING	8
UV CURING LIGHT - SUN BEAM 3D	36
V3	30
VACUUM MIXER	14
VERTICULATOR	38
VESTACAST, INDUCTION CASTING MACHINE	41
VIBRATOR	25
VULCANO	43
WALDMANN LAMP	73
WASHING AND POLIMERIZING MACHINE - E2	28
WATER BATH	28
WAX CLEANER FROM CASTING RINGS	44
WAX HEATER	28
WAX MOULD	29
WAX SPATULA	7
WAX TI-LIGHT, PHOTOPOLYMERISABLE	31
WELDING MACHINE	23
WELDING TWEEZERS	8
WELDING, HOLDING CLAMPS	42
WELDING, PLATE	42
WHEELS FOR CUTTING AND POLYSHING	65
WORK BOX	54
WORK CHAIRS	72
WORK RACK TRAY	12



MESTRA

Talleres Mestraitua SL
(+34) 944 530 388
info@mestra.es - www.mestra.es
48150 SONDIKA (Spain)

