



MESTRA

DIGITAL 2026



SCANNING



MILLING



CERAMICS



POLISHING



3D PRINTING



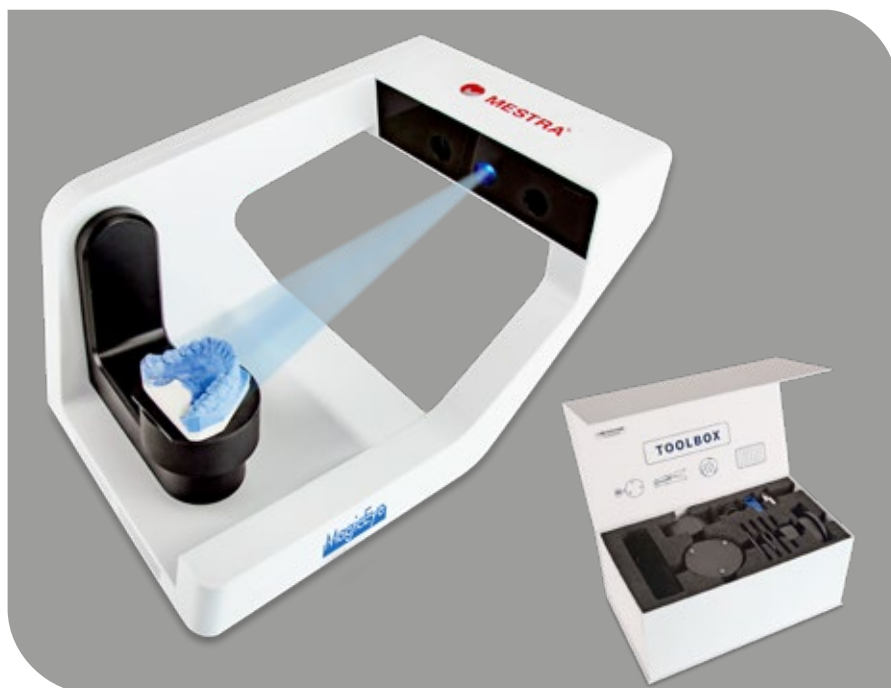
Magic Eye

REF.150100

MagicEye is a scanner specially designed for use within the dental sector. Its powerful and intuitive software incorporates a modern and extensive set of commands, as well as being fully compatible and integrable with 3D dental design CAD software, which gives it great versatility.

Technical data

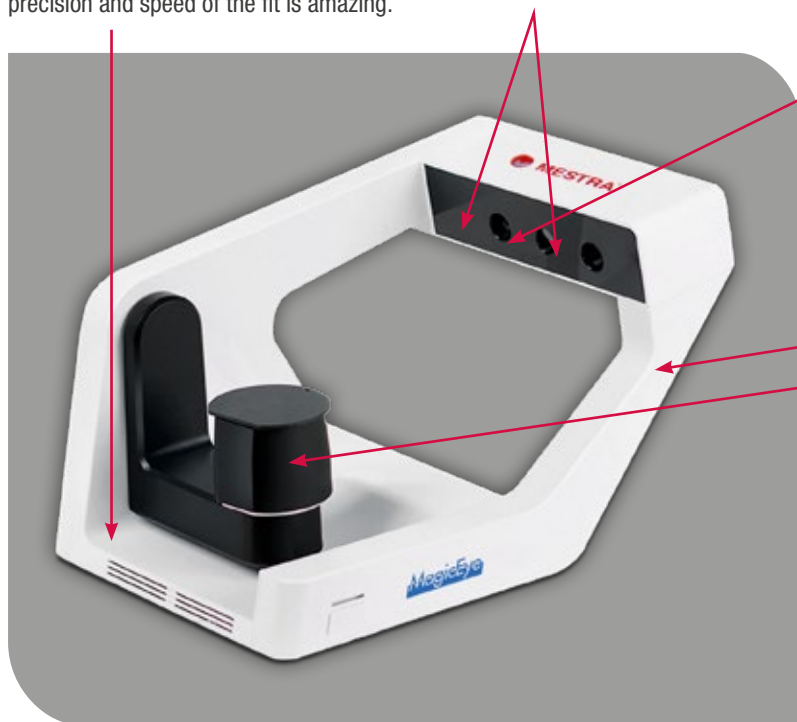
Contactless scanning method • Precision < 10 µm
Weight 5 kg (without power supply and accessories)
6 sec bite scan; 9 sec upper/lower jaw scan.
Camera resolution 2 x 1,3 MP
Room temp. 10 - 30 °C • Voltage 230 V / 24 VDC
Output format STL • Blue light source
ITEM: Model • Operating system: Win 10, 64 bit
CPU: INTEL i5 - 9400H • DDR: DDR4 2666 8 GB
HDD: 2TB 256 MB 7200 Rpm • Port: USB 3.0
Graphic card: GEFORCE GTX 1050 Ti



WHY CHOOSE THE MESTRA SCANNER, ONE OF THE FASTEST SCANNERS ON THE MARKET.

MagicEye employs state-of-the-art algorithms generation that incorporate intelligent functions. This feature is specially appreciated when the dental technician mounts models or stumps: the precision and speed of the fit is amazing.

State-of-the-art cameras: their 1.3 Mpixels impress, which when combined give a total 3D resolution of close to 2.6 Mpixels. Also, the capture speed is 60 Fps. The dump technology is of the Global Shutter type, the fastest available today.



Blue light projector with **DLP® technology** features an array of tiny mirrors approximately 5.4µm in size that can be individually oriented.

This is probably today most advanced projection technology.

Solid and very robust structure, which prevents vibrations.

The movement of the motors is smooth and precise, as well as perfectly timed. The result is scanning speed and accuracy that is hard to find in other similar products.



I scan very fast.



High accuracy.



High resolution scan.

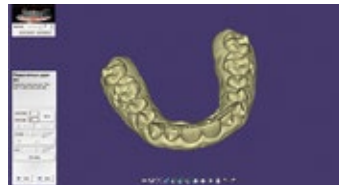
APPLICATIONS



Calibration example



Generate worksheet

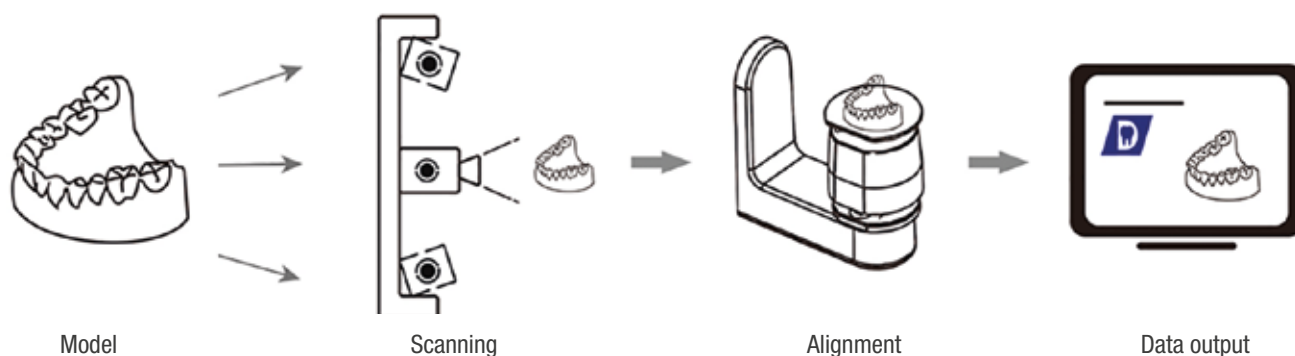


Scanning



Export meshes

WORK PROCESS



PURCHASE AND AFTER-SALES EXPERIENCE



Facility

Once the scanner is received, one of our official distributors will accompany you throughout the process of installing the scanner and its accessories.




After sales

The product warranty is 1 year. You can choose from several service options post-sale (Basic, Advanced, and professional). For this, we have the collaboration of **ExoDesign Dental** (specialized company in digital flow and CAD-CAM training).




Training

In the final price of the scanner, a use and handling training valued at € 330, given by **ExoDesign Dental**, is included. Throughout the start-up process, it will accompany you one of our official distributors.

MODEL	ACCESSORIES	PURPOSE
	Multi-trunnion support. REF. 150100-01	After filling the hole with fixative, it can be used to insert the abutment teeth.
	Gum support REF. 150100-02	It is used to fix the jaws by keeping them fixed to an elastic band or BluTack.
	Articulator support REF. 150100-03	Used for model scanning.
	Calibration table REF. 150100-04	Support to calibrate the scanner.
	2 base supports REF. 150100-05	Used to fix the jaws by keeping them fixed through an elastic band or BluTack.
	Printing support REF. 150100-06	For cuvette scanning of impression.
	Lift support general purpose REF. 150100-07	Used for calibration, model scan, and impression trays.
	Jaw support REF. 150100-08	It is used to fix the jaws keeping them fixed by means of an adjustable clamp.
	Articulator plate REF. 150100-09	For scanning of articulators.
	Font feeding REF. 150100-10	Power supply.
	Scanner spray REF. 130355	Indispensable to achieve an optimal scan, increasing the resolution in the worst reading areas.

ST Pre-Shade - Preshade







CREATE THE BEST SMILE QUICKLY




- ✓ Exceptionan strength of 1250 MPa combined with ideal translucency.
- ✓ A wide range of indications for restorations from coping to long-span bridge.
- ✓ Reproduces Vita shades perfectly.
- ✓ Stable and reproducible results.

Technical data

Flexural strength (3 points)	1250 ± 100 MPa
Translucency	43 % • Vickers hardness HV10 1300 ± 50
Density	> 3 g/cm³ • Sintered density > 6,02 g/cm³
Chemical density	< 50 µg/cm³ • Radioactivity < 0,1 Bq.g ⁻¹
Fracture toughness	< 5.5 MPa·m ^{1/2} • CTE (10.5 ± 0.5) * 10 ⁻⁶ K ⁻¹


UTILITIES		
		
Inlay-Onlay	Monolithic crown	Coping
		
Monolithic anterior bridge (3 pieces)	Monolithic bridge (3 pieces)	Monolithic bridge (<= 14 pieces)



A1 A2 A3 A3.5 A4 B1 B2 B3 B4 C1 C2 C3 C4 D2 D3 D4

HT - White








CREATE AN UNBREAKABLE SMILE: THE ECONOMICAL SOLUTION




- ✓ The extraordinary strength of 1400 Mpa grants a high level of process safety.
- ✓ Easy veneering & individualizing.
- ✓ Best option for coping & abutment.

Technical data


Flexural strength (3 points)	> 1400 MPa
Translucency	42 % • Vickers hardness HV10 1300 ± 50
Density	> 3 g/cm³ • Sintered density > 6,02 g/cm³
Chemical density	< 50 µg/cm³ • Radioactivity < 0,1 Bq.g ⁻¹
Fracture toughness	< 9 MPa·m ^{1/2} • CTE (10.5 ± 0.5) * 10 ⁻⁶ K ⁻¹

UTILITIES		
		
Inlay-Onlay	Monolithic crown	Coping
		
Monolithic anterior bridge (3 pieces)	Monolithic bridge (3 pieces)	Monolithic bridge (<= 14 pieces)
		
	Customized abutment	

PMMA


Medical device, Class IIa. 

MONOLAYER



- ✓ Long-lasting colour stability.
- ✓ Natural fluorescence.
- ✓ Easy reproducibility of the temporary dental prosthesis.
- ✓ Temporary restorations. Single and multiple-unit bridges and single crowns.

MULTILAYER



- ✓ High aesthetics.
- ✓ Extremely resistant to plaque.
- ✓ Natural colour.
- ✓ Temporary restorations. Single and multiple-unit bridges and single crowns.

Technical data

• Density 1.15 - 1.20 g/cm³	• Hardness > 85-90 (Shore hardness)
• Flexural strength > 100 MPa	• Modulus of elasticity > 2500 MPa
• Water absorption < 0,3%	• PMMA component > 99 %, pigment < 0,1%
• Organic residues < 1.0 %	• Milled application; temporary crown
• Fracture toughness < 9 MPa·m ^{1/2}	• Flexing strength (3 points) > 1400 MPa

SHT-ML Multilayer- SHT Multilayer

CREATE THE BEST SMILE WITH HIGHEST FLEXIBILITY



- ✓ The ideal material for implant restorations.
- ✓ Durability redefined: 800-1200 MPa strength and $>5.8 \text{ MPa}\cdot\text{m}^{1/2}$ toughness for reliable, fracture-resistant restorations.
- ✓ Lifelike aesthetics.
- ✓ A seamless gradient in translucency (51%-43%) replicates the lifelike aesthetic.
- ✓ Super low deformation rate for a perfect fit and minimizing rework.

Technical data

Flexural strength $>800\text{-}1200 \text{ MPa}$
Translucency 43-51 % • Vickers hardness HV10 1250 - 1350
Density $>3 \text{ g/cm}^3$ • Sintered density $>6,02 \text{ g/cm}^3$
Chemical density $<50 \mu\text{g/cm}^3$ • Radioactivity $<0,1 \text{ Bq}\cdot\text{g}^{-1}$
Fracture toughness $<5.8 \text{ MPa}\cdot\text{m}^{1/2}$ • CTE $(10.5 \pm 0.5) \cdot 10^{-6} \text{ K}^{-1}$

UTILITIES

Implant-supported restoration	Veneer	Coping	Full contour crowns	Inlay / Onlay	Full contour bridges (<14 units)

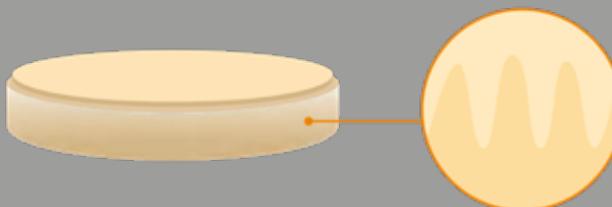


SEAMLESS GRADUATION INTEGRATION TECHNOLOGY

Intercalated layer structure

Seamless structure, with consistent adhesion between layers.

Seamless gradients in tone, resistance, and translucency.



SHT-ML Multilayer	SHT-ML Multilayer
Nesting technology increased the body part by 40%	High-efficiency transformation process
	Milling → Sintered

3D Multilayer	HEIGHT					
	14 mm	16 mm	18 mm	20 mm	22 mm	25 mm
20% incisal	2.8 mm	3.2 mm	3.6 mm	4 mm	4.4 mm	5 mm
20% transition	2.8 mm	3.2 mm	3.6 mm	4 mm	4.4 mm	5 mm
40% length	5.6 mm	6.4 mm	7.2 mm	8 mm	8.8 mm	10 mm
10% cervical	1.4 mm	1.6 mm	1.8 mm	2.0 mm	2.2 mm	2.5 mm
10% transition	1.4 mm	1.6 mm	1.8 mm	2.0 mm	2.2 mm	2.5 mm

Zirconia furnace – microwaves

Ref. 080114

- ✓ **The total sintering time in the fastest program** is approximately **4 hours** (sintering time up to 1550 °C: 110 min. Refrigeration up to 300 °C: 130 min). These values are lower than in conventional furnaces.
- ✓ Unlike in conventional furnaces -in which the heat advances from the outside of the structure to the interior-, **in the microwave oven, heat is generated at all points of the structure, so the temperature is reached much more uniformly.** The sintered structure is cleaner and stronger.
- ✓ **Excellent maintenance** savings due to lower power, fewer components and smaller size. Nor does it carry the fragile and expensive heating elements of molybdenum silicate.
- ✓ **Very low consumption:** approximately 800/1100 W during the complete practice of the cycle.
- ✓ Possibility of carrying out several **production cycles on the same day.** Production capacity increases dramatically.
- ✓ Extremely **easy to operate:** Press a button and that's it.
- ✓ **Much smaller than standard ovens:** located in any corner of the laboratory.



Power	2000 W
Power supply	AC 230 V, 50 Hz
Máx. temperature	1550 °C



Lamp for zirconia drying

Ref. 100030

Zirconium drying lamp is an infrared lamp with thermal radiation. It is used to dry the zirconia structures after immersion in the coloring liquid, to avoid corrosion of the sintering furnace resistances due to the acid contained in the liquid.

Power	275 W
Voltage	220-240 V, 50/60 Hz
Material	Aluminio



Polishing discs and burs

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

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

2-STEP KIT **REF. 108106** PRE-POLISHING AND FINE POLISHING ▼



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



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



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



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



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



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

3-STEP KIT **REF. 108306** FINE GRINDING, PRE-POLISHING AND FINE POLISHING ▼



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



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



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



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



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



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

OPTIONAL BURS PRE-POLISHING, FINE GRINDING AND ADJUSTING ▼



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



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



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



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

Ceramic furnace

REF.100249

Renewed version of the well-known MESTRA porcelain oven. Its operation is fully automatic and compatible with the different types of porcelain available on the market.

Its modern line has a more pleasant aesthetic. It also has a large, easy-to-use touch screen with very intuitive icons and graphics.

Using this synoptic panel, it is possible to see how the process parameters evolve in a comfortable and clear way. Its memory allows you to store programs by modifying parameters such as temperature, drying time, heating speed, maximum temperature, maintenance and cooling time, vacuum, etc.

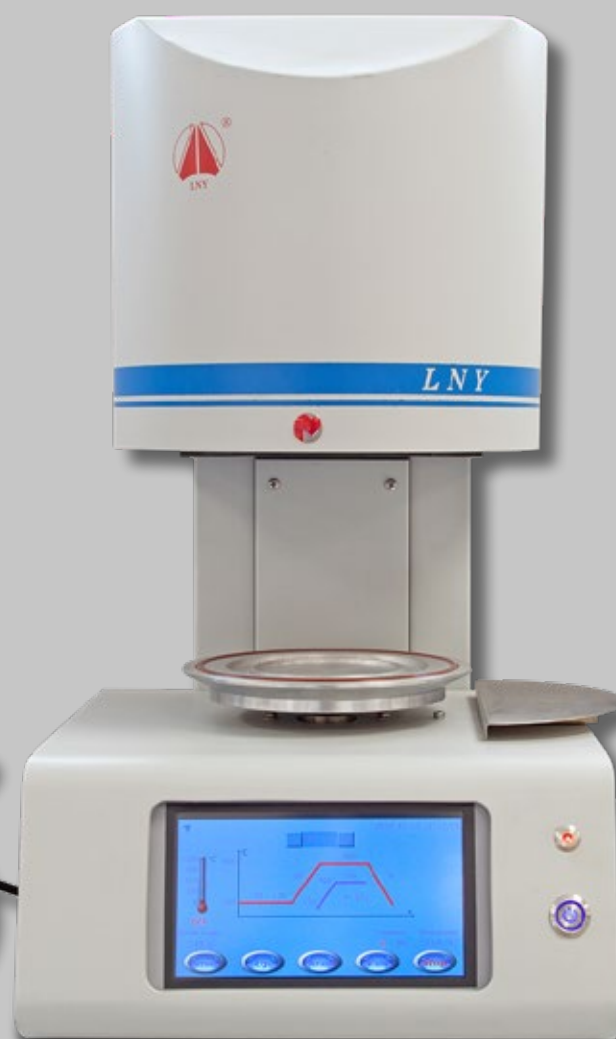
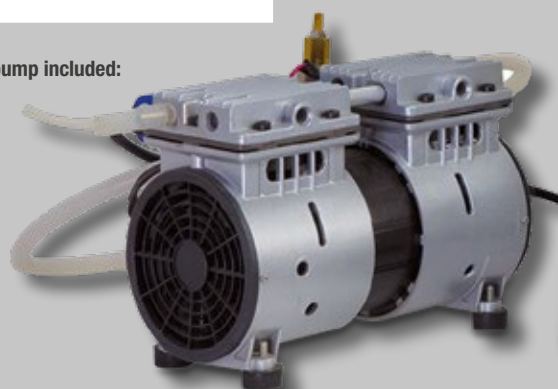
To improve precision, the oven allows you to calibrate the temperature. The oven also has different alarms that will inform about any anomaly: thermocouple or resistance breakage, vacuum system failure, etc...

The oven is supplied with the following elements:

- ✓ Vacuum pump.
- ✓ Heating platform.
- ✓ Calibration kit.
- ✓ Tray.

Vacuum pump included:

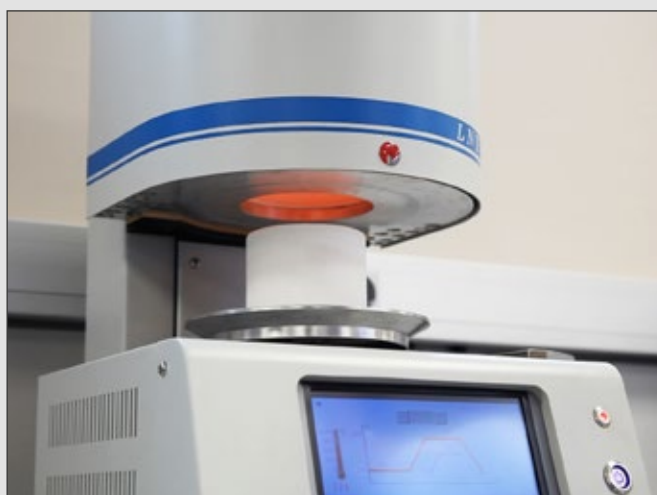
426 mm
320 mm
392 mm
24 kg



Max. temperature	1200 °C
Maximum vacuum	-97 kPa
Program numbers	200
Voltage	AC 220 V. +-10 % 50 Hz. 15 A
Consumption	≤1.5 kW +-10 %



Synoptic panel.



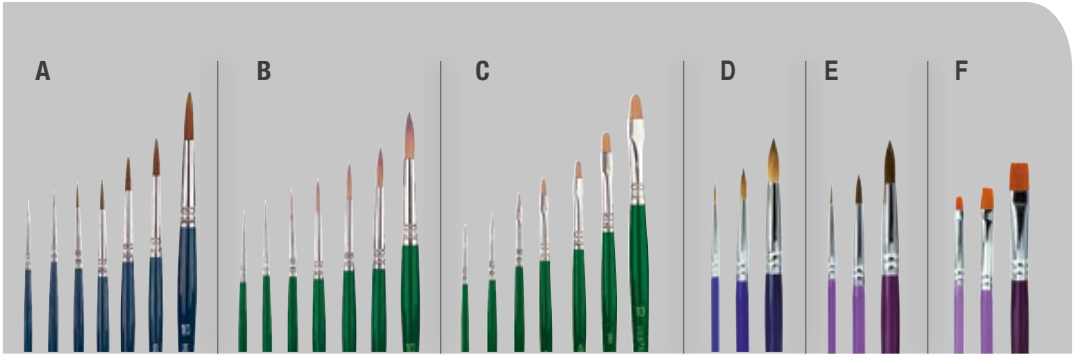
Oven working.

Paintbrushes

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

Oro fibre, round-tipped, and the flat-tipped Toray Oro fibre brush. quality enamelled-wood handle with a nickel brass collar.

Same models with plastic handle: reference P



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




Hybrid Kolinsky-Toray paintbrushes

MADE IN SPAIN


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

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



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

Nº	Ref.	Nº	Ref.
0	050370	6	050374
1	050371	8	050375
2	050372	10	050376
4	050373		



Plastic handle paintbrushes

Cleaning Nº 1 and 2 Oval Wax Nº 0 and Nº4



25x19 y 16x14 mm Ø 5x9 y 12x15 mm

Set of instruments (for ceramic)

Ref. 050500


Spare tips

Ref. 050500-01

Ref. 050500-02

Ref. 050500-03

Ref. 050500 (L) 190 x (W) 64 x (H) 24 mm | 0,12 kg




Set of paintbrushes

REF. 050432 (21 u.)

A complete selection of paintbrushes including round-tipped Marta Kolinsky ones, round-tipped Toray Oro ones, made in synthetic fibres, and also flat-tipped Toray Oro ones.

Numbers 0, 1, 2, 4, 6, 8 and 10 are included of each type, so there are 21 paintbrushes Heightgether. All paintbrushes have a "rattle affect". This set is supplied in a practical imitation-leather case.

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



Set of paintbrushes

REF. 050490 (6 pieces)

A selection of six high quality paintbrushes made in Marta Kolinsky hair. Each paintbrush has a cap that protects it against dirt and damp.

This set includes the paintbrushes that are most used in Dental Labs (Round Plane Nº 0, 2, 4, 6; Planes Nº 2 and 4). This set is supplied in a practical case.

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



Glass plates

REF. 050515 (slotted)

REF. 050520 (smooth)

8 mm

120 mm

160 mm

0,38 kg

11 mm

120 mm

160 mm

0,29 kg



Ceramic palette

REF. 050510

20 mm

95 mm

175 mm

0,45 kg

Alto con tapa | 20 mm

Alto sin tapa | 15 mm



Porcelain trays

REF. 050501

15 mm

90 mm

115 mm


0,34 kg

15 mm

55 mm

88 mm

0,13 kg



Porcelain trays

REF. 050503

27 mm

125 mm

165 mm


0,54 kg

30 mm

190 mm

250 mm

1,45 kg

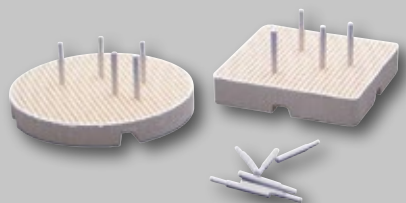


REF. 050504

Set of ceramic firing trays

(ceramic holders) REF. 050530

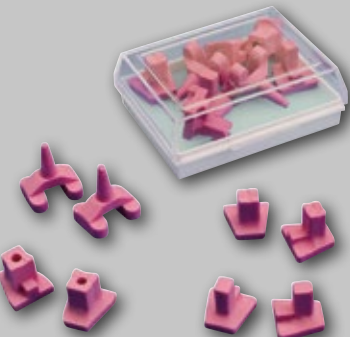
(L) 154 x (W) 102 x (H) 34 mm | 0,181 kg



Firing pegs

REF. 050512

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



Trays for furnace

REF. 050527

REF. 050513

REF. 050529-S

REF. 050529

REF. 050528

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



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



Premium Model

Ref. 143001

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

Characteristics:

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

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



Premium Ivory

Ref. 143011

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

Characteristics:

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

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



Premium Gingiva

Ref. 143021

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

Characteristics:

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

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



PARAMETERISED PRINTERS:

- ✓ Creality
- ✓ Elegoo
- ✓ Phrozen
- ✓ Anycubic

SUPPORTED PRINTERS:

- ✓ Creality
- ✓ Elegoo
- ✓ Phrozen
- ✓ Anycubic
- ✓ Prusa
- ✓ Uniz
- ✓ Peopoly
- ✓ Zortrax
- ✓ Wanhao
- ✓ Shining 3D
- ✓ XYZPrinting

TITAN 8 steam cleaner

Professional use

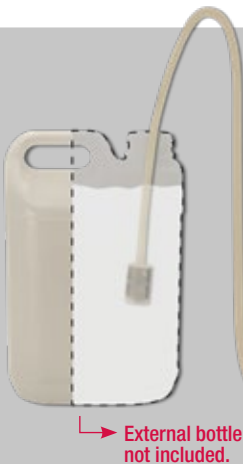
TITAN AUTOFILL steam cleaner

REF. 100202

REF. 100203

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

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

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

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

TITAN PLUS steam cleaner

Professional use

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.

Distilled
water tank

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



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

Nobody questions the need and importance of steam jet cleaning in the Dental Lab. Nobody questions its consequences either: dirt in sinks, air moisture, condensation in walls and floors...

And all this leaving aside the high price these devices used to have up to now.



In MESTRA we have worked hard to make these troubles simply disappear by using the Altamira Steam Cleaning Cabin, the indispensable complement for any steam cleaning device.

Box spray application

REF.080602

This Altamira chamber has been specially adapted for shading spray application on models prior to scanning.

Also useful to clean the dust on the zirconia milling discs. The set requires an external suction unit not included.

Dimensions: 570 mm (height), 490 mm (width), 520 mm (depth). Weight: 20,5 kg.

	Ref. 080600	Ref. 080602
Capacity	8 l.	
Voltage	230 V 50/60 Hz	230 V 50/60 Hz
Power	140 W	
Fuse	2 A	

Dimensions: 570 mm (height), 490 mm (width), 520 mm (depth). Weight: 24 kg.

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

Anodizing unit for titanium

REF.100295

The anodizing unit for titanium is a simple device that allows you to process titanium dental elements quickly, easily and economically. The results are comparable to products belonging to a much higher category.

Anodizing is an electrochemical process that creates a protective layer of oxide on the surface of the metal, in our case titanium. This layer -known as the anodic layer- is thicker than the natural oxide layer that forms on titanium when it is exposed to air, which offers a number of advantages:

- ✓ Corrosion resistance.
- ✓ Wear resistance.
- ✓ Better adhesion and surface finish.
- ✓ It works with a solution of water (600 ml) and sodium bicarbonate (20 g).
- ✓ Anodizing time: 5 seconds.

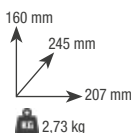
Appearance:

The anodic layer can be colored with different shades, giving the titanium a more attractive appearance than the original taupe. This advantage is especially interesting when the anodised element serves as a support for a translucent material such as zirconium or for bars on implants.

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

The colouring process takes only 5 seconds.

Voltage	10~80 V
Power	100 W
Power supply	AC220~240 V, 50/60 Hz



Explanatory video

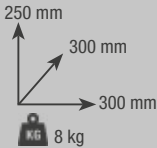
Curing light SUN BEAM 3D+

REF.150121

Sun Beam 3D+ is the ideal light curing station for the laboratory. Its simplicity of use, its advanced technology, its quality-price ratio will make it a benchmark in the dental laboratory of the 21st century.

- ✓ The tray has a diameter of 260 mm and a usable height of 140 mm.
- ✓ The wide door opening allows for easy placement of items on the turntable of the camera.

Useful space	Ø260 x 140 mm
Voltage	AC 100-240 V / DC 24 V, 3 A
Frequency	50/60 Hz
Output	DC 24, 3 A
Power	60 W
Timer	0-60"
UV lights	4 strips, 16 lights (+10.000 hours of use)
Wavelength	400-405 nm
Rotation	8 rpm



Resin mixer

REF.150130

- ✓ Practical and economical device for shaking resin bottles.
- ✓ A homogeneously mixed resin is essential for an excellent print job.
- ✓ The movement is double rotating, so the mixing action is smooth and highly efficient.
- ✓ The characteristics of the resin will not be affected by an excessively energetic movement.
- ✓ The machine is very quiet, has 6 rollers with a length of 28 cm and allows to control the mixing speed up to 70 rpm and is equipped with a speed regulator.

Rollers	6
Power	25 W
Roller length	28 cm
Máx. carrying capacity	4 kg
Roller turning range	24 mm
Voltage	100-240 V, 50/60 Hz



Sirocco CAM

REF.080536

- The new Sirocco CAM has been designed to respond excellently to the three fundamental requirements:
- ✓ **Silent operation**, essential to maintain a comfortable working environment during long hours of continuous use.
 - ✓ **High-performance filtration**, capable of effortlessly handling zirconium oxide, one of the most abrasive materials and used in dental milling.

- ✓ **High reliability**, because the equipment must perform day after day without failure or interruption.
- Thanks to its robust design and advanced technology, the Sirocco CAM offers long-lasting, quiet performance, with a filtration system optimized for the most demanding jobs. A safe and effective choice for any laboratory seeking quality, durability, and peace of mind.

A filter that automatically generates powerful vibrations to shake off the dust



FILTER SELF-CLEANING
Vibration option:
automatic or manual.



COST REDUCTION
Economical, which reduces
filter replacement costs.



INDUCTION MOTOR (brushless)
Longer lifespan than
traditional models.



MONITORING SYSTEM
Intelligent system
for real-time monitoring.

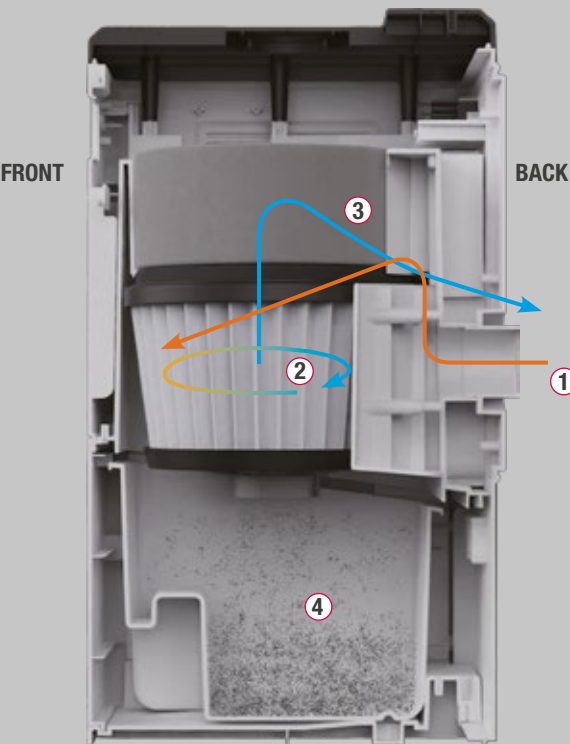


CUSTOMIZABLE CONFIGURATIONS
Customizable settings
for your environment.



OPERATION PROCESS

1. Air intake.
2. Air passes through the filter.
3. Clean air is released.
4. Dust adhering to the filter is dislodged by the vibration motor and falls into the removable collection container.



Flow of air inside the instrument

CONNECTORS

REF. 080536-17 Type A	REF. 080536-20 Type G
REF. 080536-19 Type B	REF. 080536-33 Type H
REF. 080536-18 Type D	

MILLING MACHINE	TYPE	MILLING MACHINE	TYPE
Amann-Girrbach	D	Schütz Dental	A, G
Arum	H	Shera	A, G
Cadblu	A	Siladent	A, G
Dentsply Sirona	H	Tissi Dental	A, G
Ernst Hinrichs	A, G	VHF	G
FINO	A, G	Wieland	A
Goldquadrat	A, G	Yeti	A, G
Ivoclar Vivadent	A, G	Zirkonzahn	H
Roland	B	88Dent	A, G

TECHNICAL FEATURES

- ✓ **Materials:** ABS, PP, PETG
- ✓ **Standard product components:** Main unit, filters, 2.5-meter antistatic suction hose, CAD/CAM interface cable.

Operating voltage	Monophase 220-240 Vca ~ 50/60 Hz	Input signal	Low: 0~2,5 V High: 4~24 V
Nominal power	800 W	Exit signal	Maximum voltage: 24V Maximum current: 5mA Internal series resistance: 150 Ohms
Current protection · Input · Output	2 X 10 A (C/B) 3.15 A (Fuse)	Weight	13 kg
Maximum airflow	3.9 m³/min	Dimensions	316 x 342 x 589 mm
Maximum air pressure	24 kPa	Suction level	Manual: levels 1-5 Auto: 2 levels (3rd, 5th)
Motor type	Brushless	Dust container capacity	8.71 L
Filter	Membrane filter	Noise level	Max 70 dB (± 5%)
Inner diameter of air inlet	Ø48 mm	CAD/CAM Interface	Connectors DIN-69 / RJ45



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