



MESTRA

DIGITAL catalogue



SCANNING



MILLING



CERAMICS



POLISHING



3D PRINTING

2026



www.mestra.es/en

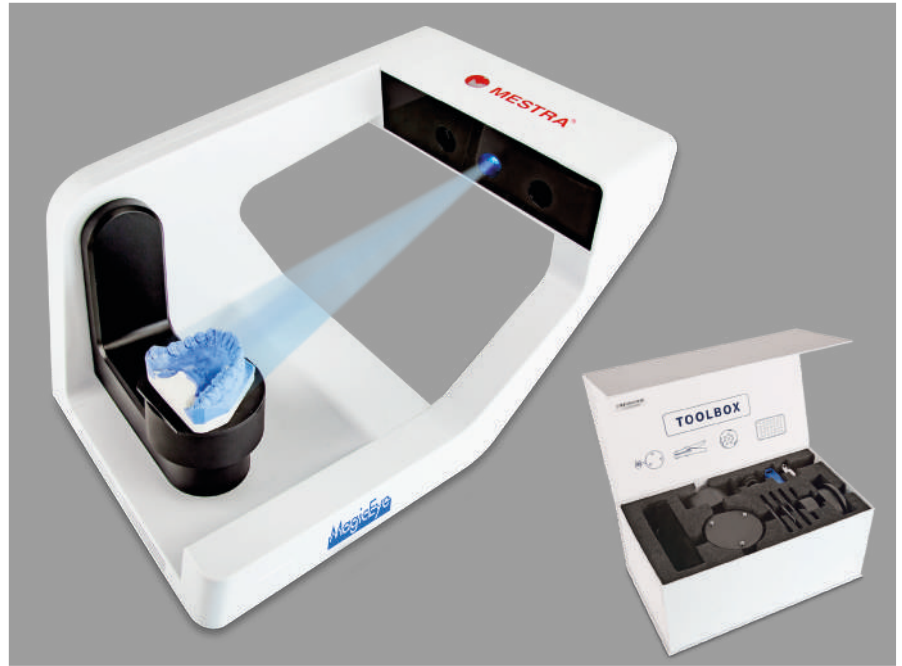
Magic Eye

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.

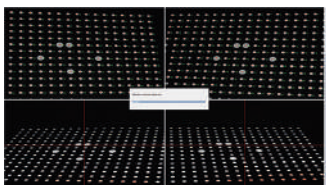


High accuracy.



High resolution scan.

APPLICATIONS



Calibration example



Generate worksheet

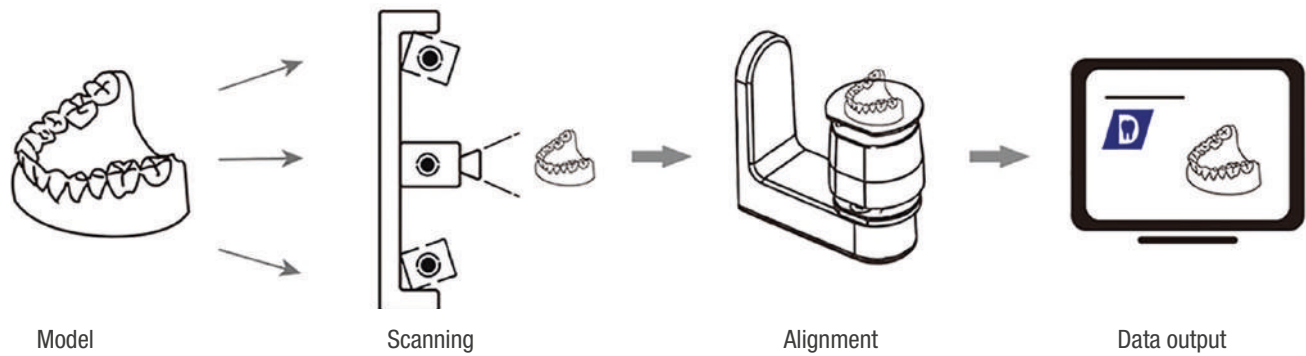


Scanning



Export meshes

WORK PROCESS

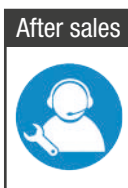


PURCHASE AND AFTER-SALES EXPERIENCE



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.

HypsoCAD

Ref. 150110

HypsoCAD is the ideal CAD for any type dental restoration. Flexible. Intuitive.

Powerful. From **€79/month**.

The software is paid for annually and does not require an INITIAL PAYMENT. When you no longer need to use the software, you can stop paying for it.

The license is cloud-based, which means you don't need to buy a dongle to install it.

This allows you to use the same license on different PCs but not simultaneously.



ABOUT HYPSOCAD

PRICING PLAN

Monthly subscription

- After 30 days, you can decide whether to renew or cancel your subscription.
- Updates included

Annual subscription.

- A single payment per year.
- Updates and support included.

Perpetual license

- One-time payment.
- Updates and support included for 1 year.

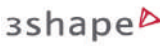
FREE TRIAL

Use all the features of the All-in license for free for 14 days. Get full access to all features without limitations or purchase obligation.

- 1- Go to www.hypsocad.com
- 2- Request your free trial of the software.
- 3- Open the email with the link to download the software and your customer ID.
- 4- Use all the features of the license All-in for free for 14 days.

OPEN AND UPDATED SYSTEM

- Open system.
- Technical support included.
- Continuous updates.
- No restrictions on jobs and exports of files.
- Online training and video tutorials.
- Global community.

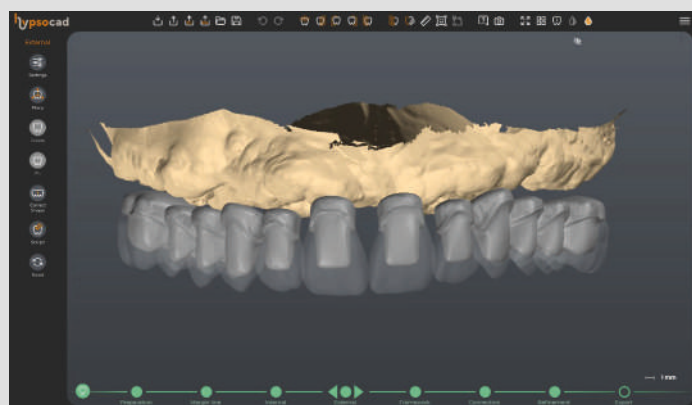
	SUBSCRIPTION	ACTIVATION	LICENSE TYPE	UPDATES	SUPPORT
	On-demand licenses (annual) or perpetual.	Online activation simple and immediate, without the need for a physical dongle.	Digital customer identification that allows for easy license transfer. It cannot be lost or stolen.	Updates automatic and free forever.	Dedicated internal team support via phone, email, chat, WhatsApp, TeamViewer. Direct contact with the development team.
	Perpetual license.	You must contact a reseller for activation.	Physical dongle connected to a USB port. Risk of losing the dongle.	Updates payment with provider intervention (min. €1000/year).	Support provided by resellers, the quality of the service depends on the chosen partner. Without direct contact with the team of development.
	Annual leave.	You must contact a reseller for activation.	Physical dongle connected to a USB port. Risk of losing the dongle.	Free updates	Support provided by resellers, the quality of the service depends on the chosen partner. Without direct contact with the team of development.

WHAT'S NEW?

	LIBRARIES	MODULES AND PACKS	FLOW	USER EXPERIENCE	LEARNING CURVE	TRAINING
	The libraries can be downloaded and installed with a single click directly from the CAD software.	Three types of subscription (Light, Implant, All-in) that include several modules.	Workflow fully guided with all functions available to the user.	You can move between steps without losing the modifications made previously.	Extremely easy-to-use software capable of handling various types of prostheses, from simple to complex.	HypsoCAD offers live and online courses, a YouTube channel with video tutorials, and periodic live sessions on Facebook and Instagram.
	The libraries must be downloaded from the website and imported manually into the CAD software.	Individual modules or packages that include different modules.	Workflow with basic functions. The user must intervene manually in expert mode.	You must remove the already built pieces to go back to the previous step.	Steep learning curve, extensive training is required for its full utilisation.	Exocad does not provide training. Distributors and partners offer training and courses.
	The libraries must be downloaded from the website and be imported manually to the CAD software.	Individual modules.	Simplified workflow.	You must remove the already built pieces to go back to the previous step.	Moderate learning curve, training is required for full utilisation.	3Shape offers blogs, case studies, and on-demand webinars to its clients.

NEW STUMP LIBRARY

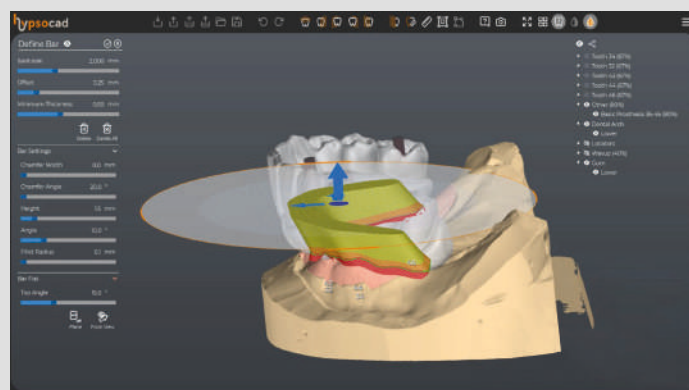
Simply define a digital wax-up and select it from the anatomical libraries.



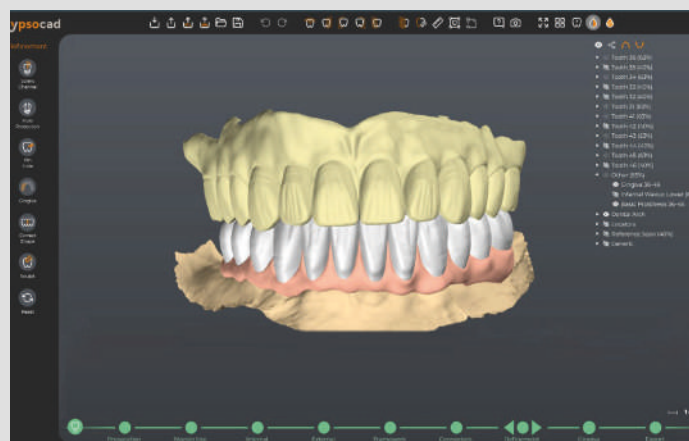
In the main toolbar, you will find a new button that opens a preview to customise the meshes.

**HYPSOBAR NEWS**

You will find a parameter to smooth the new flat surface, you will be able to move the PLANE in all directions, and you will be able to parametrically manage the Minimum Thickness of the final construction.

**DIGITAL WAXUP WORKFLOW**

New virtual gum construction!
You can correct the contacts with the maxilla and the antagonist.



BUNDLE Light

REFERENCE	ARTICLE CODE	ITEM DESCRIPTION	USER PRICE
150520	LIC-HYP-LIG bundle	Light in bundle perpetua	2900 €
150521	UP DENTALSUITE	Annual update Dental Suite light	0 €
150522	LIC-HYP-LIG-1Y	Annual Light plan	948 €
150523	LIC-HYP-LIG-1M	Monthly Light plan	99 €
150524	UP HYPSO LIG-IMP	Perpetual License update of Light a Implant	1.500 €
150525	UP HYPSO LIG-ALL	Perpetual License update of Light a All-in	2.900 €

Dedicated to the dental technician who has chosen ONLY digital for the work of cemented prosthetics, such as bridges, crowns, temporaries and bite splints.

BUNDLE Implant

REFERENCE	ARTICLE CODE	ITEM DESCRIPTION	USER PRICE
150510	LIC-HYP-IMP bundle	Implant in bundle perpetua	3.900 €
150511	UP DENTALSUITE	Annual update Dental Suite implant	0 €
150512	LIC-HYP-IMP-1Y	Annual Implant plan	1.140 €
150513	LIC-HYP-IMP-1M	Monthly Implant plan	119 €
150514	UP HYPSO IMP-ALL	Perpetual License update of Implant a All-in	1.900 €

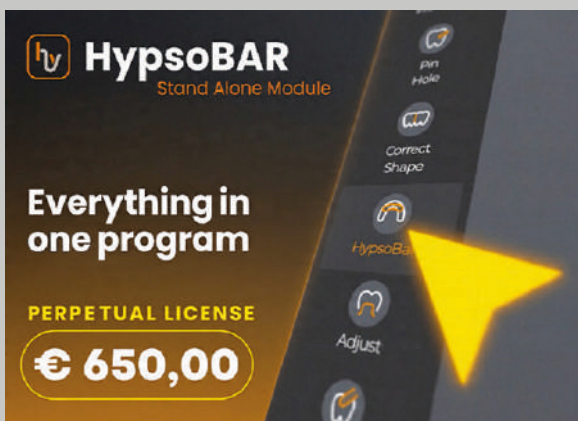
Dedicated to the dental technician who has chosen digital for all the work of cemented prostheses and fixed prostheses on implants, like bridges and screw-retained crowns directly and the virtual articulator.

BUNDLE All-in

REFERENCE	ARTICLE CODE	ITEM DESCRIPTION	USER PRICE
150500	LIC-HYP-ALL bundle	Perpetual All-in in bundle	4.900 €
150501	UP DENTALSUITE	Annual update All-in	0 €
150502	LIC-HYP-ALL-1Y	Annual All-in plan	1.548€
150503	LIC-HYP-ALL-1M	Monthly All-in plan	169 €

Dedicated to the dental technician who truly believes in digital and chooses it for all prosthetic work: cemented, fixed implants and removable, such as Dentures, Partial Structure and Model.

WHAT'S NEW, WHAT CAN YOU CREATE



HypsoBAR
Stand Alone Module

Everything in one program

PERPETUAL LICENSE

€ 650,00

REFERENCE	ARTICLE CODE	ITEM DESCRIPTION	PRICE
150605	LIC-HYP-BAR	Hypsodac HypsoBar perpetual License standalone	650,00 €
150606	UP DENTALSUITE	Dental Suite hypsoBar update	190,00 €

- Bridges and crowns in digital wax-up mode.
- Bridges and crowns from scanned wax-up.
- Bridges and crowns on implants in digital wax-up mode.
- Bridges and crowns on implants from scanned wax-up.
- Full arch on implants with virtual gum.
- Full arch on scanned stumps with virtual gum.
- Toronto Thimble with virtual gum.

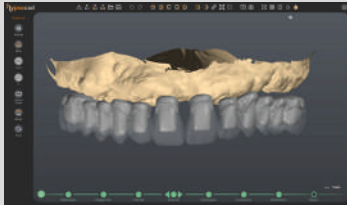
DISCOVER WHAT YOU CAN ACHIEVE		 L Light	 I Implant	 A All-In
	Custom abutments		✓	✓
	Digital articulator		✓	✓
	Attachments	✓	✓	✓
	Implant bars		✓	✓
	HypsoBAR	✓	✓	✓
	Bite	✓	✓	✓
	Single coping	✓	✓	✓
	Anatomic crowns and bridges	✓	✓	✓
	Reduced crowns and bridges	✓	✓	✓
	Veneers	✓	✓	✓
	Full denture			✓
	Inlay - Onlay overlay	✓	✓	✓
	Maryland	✓	✓	✓
	Mock-up	✓	✓	✓
	Implant model			✓
	Prosthetic model			✓
	Overdenture	✓	✓	✓
	Immediate loading implant prosthesis	✓	✓	✓
	AFG protocol		✓	✓
	Provisional		✓	✓
	Partial framework			✓
	Screw-retained		✓	✓
	Telescopic crowns	✓	✓	✓
	DICOM viewer	✓	✓	✓
	Wax-up	✓	✓	✓

HYPSoCAD: Notable improvements

We are constantly improving HypsoCAD. These are some of the new features and notable improvements we have made:

NEW STUMP LIBRARY

Simply define a digital wax-up and select it from the anatomical libraries.

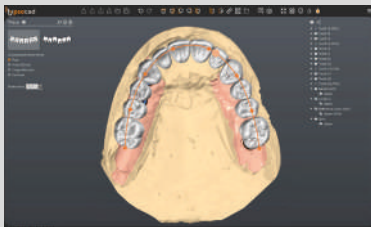


In the main toolbar you will find a new button that opens a preview to customise the meshes.

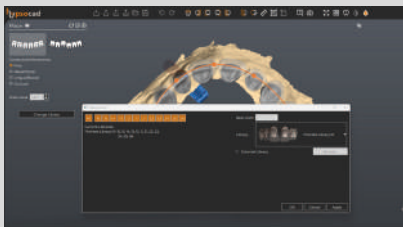


POSITIONING FUNCTION

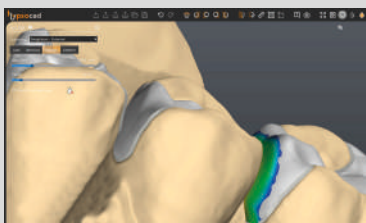
The multi-movement is 100 times faster than before! Additionally, you can add and remove control points to move the curve more easily.



You will be able to change the anatomical library within the placement tool.

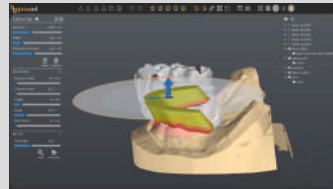


Observe the colour map between an inlay y el diente adyacente.



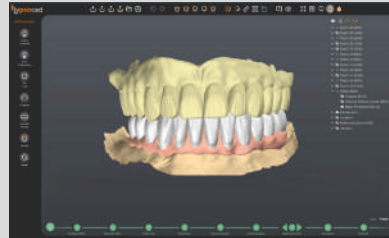
HYPSoBAR NEWS

You will find a parameter to smooth the new flat surface, you will be able to move the PLANE in all directions, and you will be able to parametrise the Minimum Thickness of the final construction.

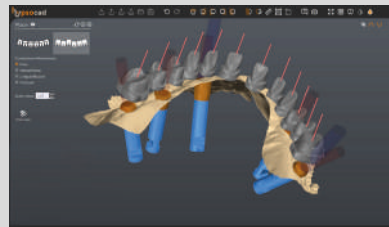


DIGITAL WAXUP FLOW

New virtual gum construction! And in the next phase (Gum), you can correct the contacts with the maxilla and the antagonist.



You will also find the new stubs feature that allows you to configure them in parallel with an insertion axis.



Download the LMShape anatomical library from the server, now available for multiple placements!



Insert the screw hole protector into the prosthesis even when the hole is coming out!



WHAT'S NEW IN THE VITRUVIO VERSION?

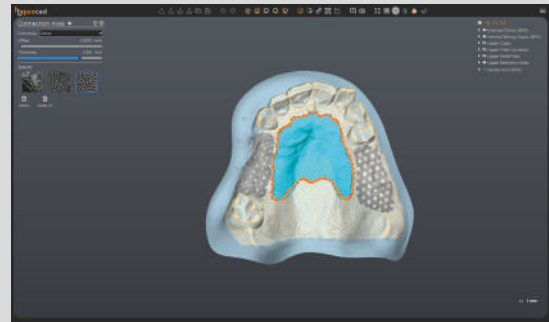
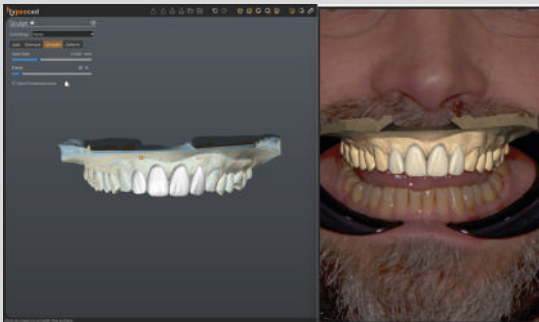
Smile Design 2D: Now you can import patient photos, align them with the scan and visualise the design in real time directly "in the mouth." Digital Smile Design has never been so integrated.

- **New flow of Partial Framework:** Design of teeth and gums, new shapes for the retention grid and new roughness options.
- **Hypsobar & Partial:** Now you can harness the power of the Hypsobar also in the flow of the Partial Frameworks.
- **Pin & Hole Function:** Added in the work with Hypsobar.
- **Management of Subsidence:** New function for automatic correction of the undermined areas of the Hypsobar.
- **New Margin Lines:** Optimised for BITE, Partial Frameworks and virtual gum.

- **Virtual Articulator:** New feature with saving and exporting of STL files based on your parameters.
- **Smart Shortcuts:** Modifies the visibility and opacity of the meshes instantly (Ctrl, Shift, Alt + MMB).
- **Libraries Automation:** Automatic loading of the library of implants in the MM upon completion of modelling.
- **Total Flexibility:** Editable left side of the Patient Definition even with the modelling already started.

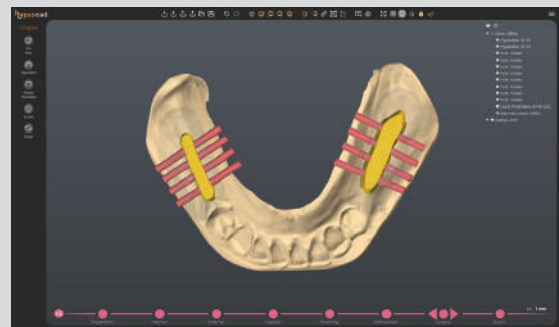
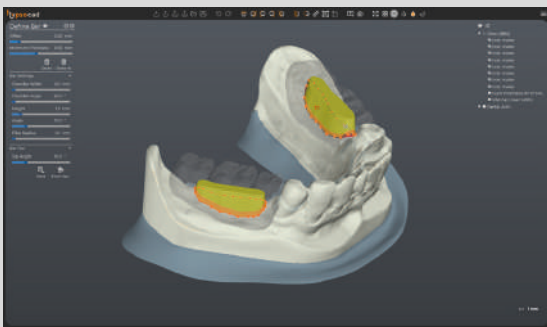
- Possibility to import photographs, align them with the scanner and see the design in the patient's mouth in real time of the patient.

- New Workflow for Partial Frameworks with tooth and gum design, new shapes for the retention grid and new roughnesses



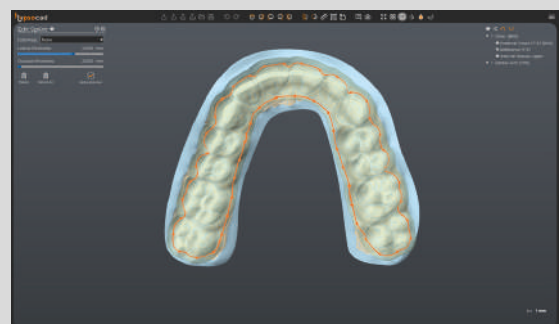
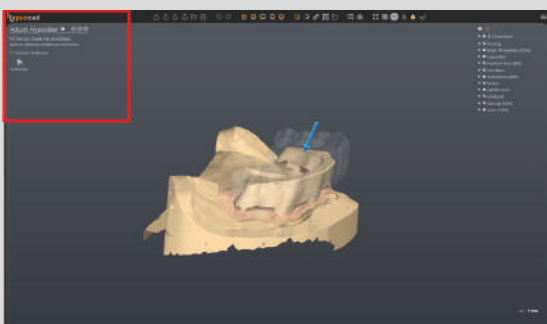
- Hypsobar also available in the workflow of the Partial Frameworks workflow.

- Pin and Hole function added in the work with Hypsobar.



- New Function to Automatically Correct the undermined areas of the Hypsobar.

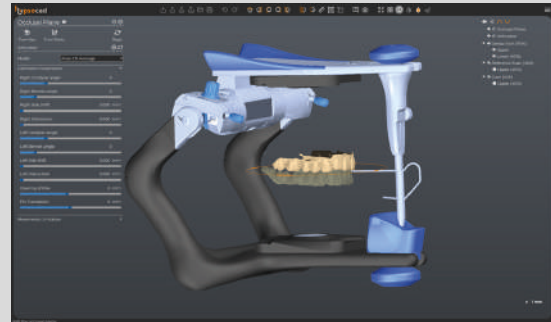
- New margin line for BITE, Partial Frameworks, Virtual Gum



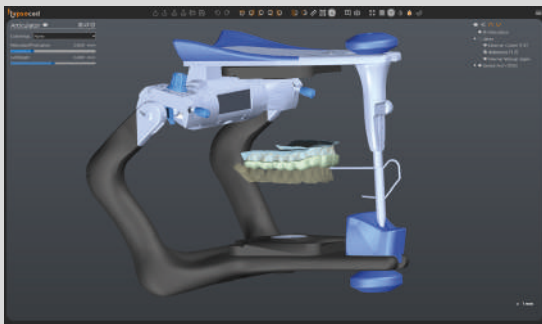
- Modify the visibility and opacity of the meshes with ctrl, shift, alt, and MMB.



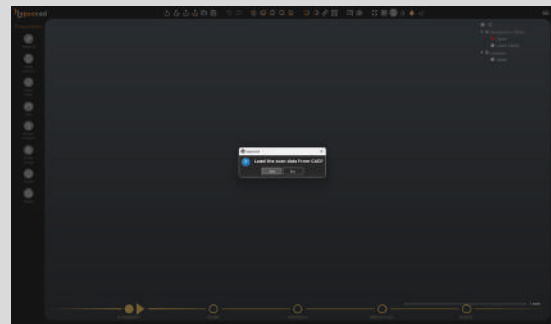
- New feature for the virtual articulator with saving and export of STL files by selecting the desired parameters.



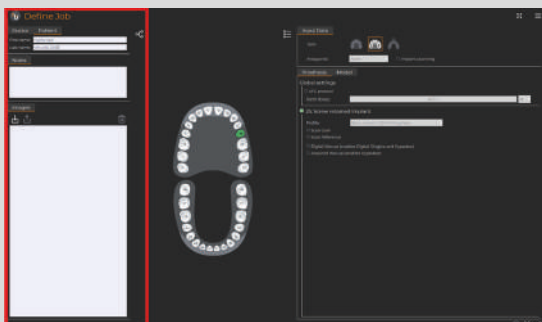
- Possibility to correct the shape of the BITE in dynamic mode.



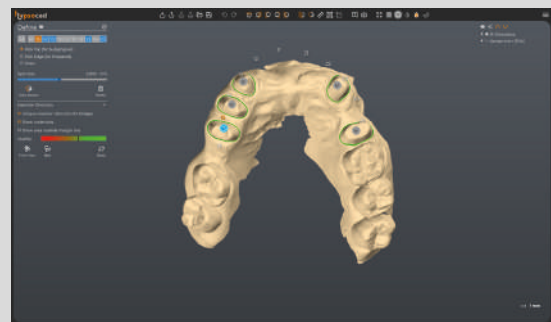
- Automatic Loading of the implant library in the MM once the CAD modelling is completed.



- Parte izquierda de la Definición del Paciente editable incluso con la modelación CAD ya iniciada.



- Added colouring in the line function of margin to highlight the Mandatory teeth.



- Error correction.

SHT-ML Multicapa - SHT Multilayer

CREATE THE BEST SMILE WITH HIGHEST FLEXIBILITY

NEW



- ✓ 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)

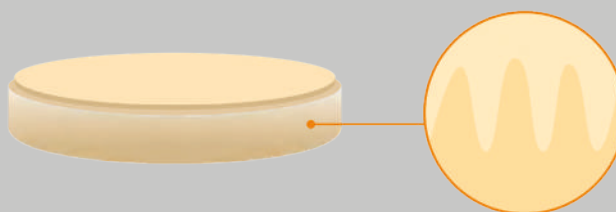


SEAMLESS GRADUATION INTEGRATION TECHNOLOGY

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

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/cm ³ • Sintered density > 6,02 g/cm ³
Chemical density	< 50 µg/cm ³ • 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)



HT - Blanco

CREA UNA SONRISA INQUEBRANTABLE: LA SOLUCIÓN ECONÓMICA



- ✓ 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/cm ³ • Sintered density > 6,02 g/cm ³
Chemical density	< 50 µg/cm ³ • 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 - Monolayer

CREATE THE BEST SMILE QUICKLY



Medical device. Clase IIa. CE

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

TECHNICAL DATA

• Density 1.15 - 1.20 g/cm ³	• 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

	MAIN PURPOSE	SPECIFIC APPLICATIONS
	Temporary Restorations	Individual or full arch temporary crowns and bridges.
	Therapeutic Devices	Bruxism splints that require greater occlusal thickness.
	Guides and Planning	High-precision surgical guides and translucent study models.



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

PMMA - Multilayer

CREATE AN UNBREAKABLE SMILE: THE AFFORDABLE SOLUTION



Medical device. Clase IIa. CE

- ✓ 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/cm ³	• 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

	MAIN PURPOSE	SPECIFIC APPLICATIONS
	Temporary Restorations	Individual or full arch temporary crowns and bridges.
	Therapeutic Devices	Bruxism splints that require greater occlusal thickness.
	Guides and Planning	High-precision surgical guides and translucent study models.



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

Bagless vacuuming Sirocco CAM

REF. 080536 COMPATIBLE WITH ALL MILLING MACHINES ON THE MARKET

The new Sirocco CAM has been designed to meet the three fundamental requirements:

- ✓ **Silent operation**, essential to maintain a comfortable working environment during many hours of continuous use.
- ✓ **High-performance filtration**, capable of effortlessly handling zirconium oxide, one of the most abrasive materials used in dental milling.

- ✓ **High reliability**, because the equipment must perform day after day without failures or interruptions.
- ✓ **A powerful automatic vibration system** periodically shakes up dust to maintain optimal performance.



FILTER SELF-CLEANING

Vibration option: automatic or manual.



COST REDUCTION

Economical, reducing filter replacement costs.



MONITORING SYSTEM

Intelligent system for real-time monitoring.



CUSTOMIZABLE CONFIGURATIONS

Customizable settings for your environment.



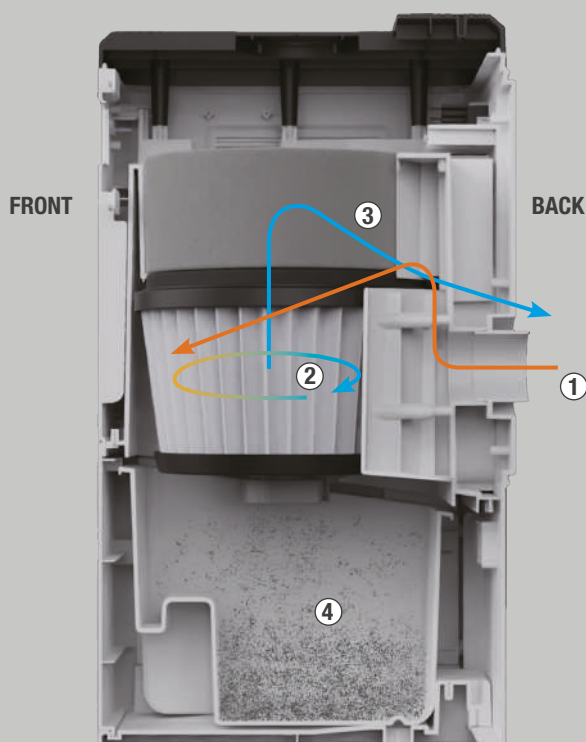
INDUCTION MOTOR (brushless)

Longer lifespan than traditional models.



OPERATING 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.



Airflow within the suction.

CAD/CAM 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	FRESADORA	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

SPECIFICATIONS

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

Voltage	200V-240V~50/60Hz
Power	800 W
Maximum airflow	3.9 m³/min
Maximum air pressure	24 kPa
Motor type	Brushless
Filter	Membrane filter
Inner diameter of air inlet	48Ø
Weight	13 kg
Dimensions	316 x 342 x 589 mm
Dust container capacity	8.71 L
Noise level	70 dB (± 5%)

Bagless vacuuming

REF. 080540

New V45 zirconia vacuum cleaner, which is designed for high-precision zirconia restoration milling machines.

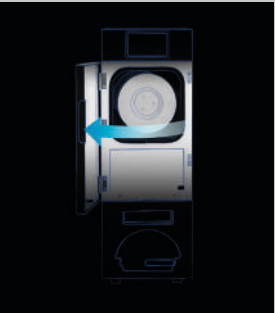
It has a 450W super power. Operate by touch screen and supports manual and automatic modes.

It has 1 to 5 suction levels to choose from, and comes with automatic vibration dust removal technology.

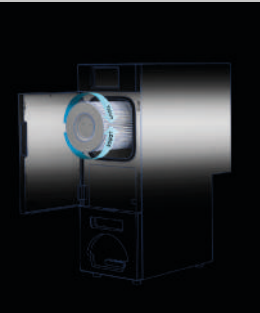
Voltage	200V-240V~50/60Hz
Power	450W
Maximum airflow	3.1 m³/ min
Maximum air pressure	23Kpa
Motor type	Motor inducción
Filter	Filtro membrana
Inner diameter of air inlet	interior 38 Ø
Weight	23 kg
Dimensions	620 x 220 x 457 mm
Dust container capacity	7.3 L
Noise level	65 dB (± 5%)



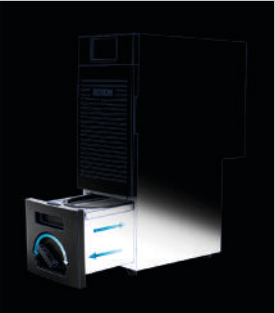
Vortex separation technology



Easy-open door design



Easy filter replacement



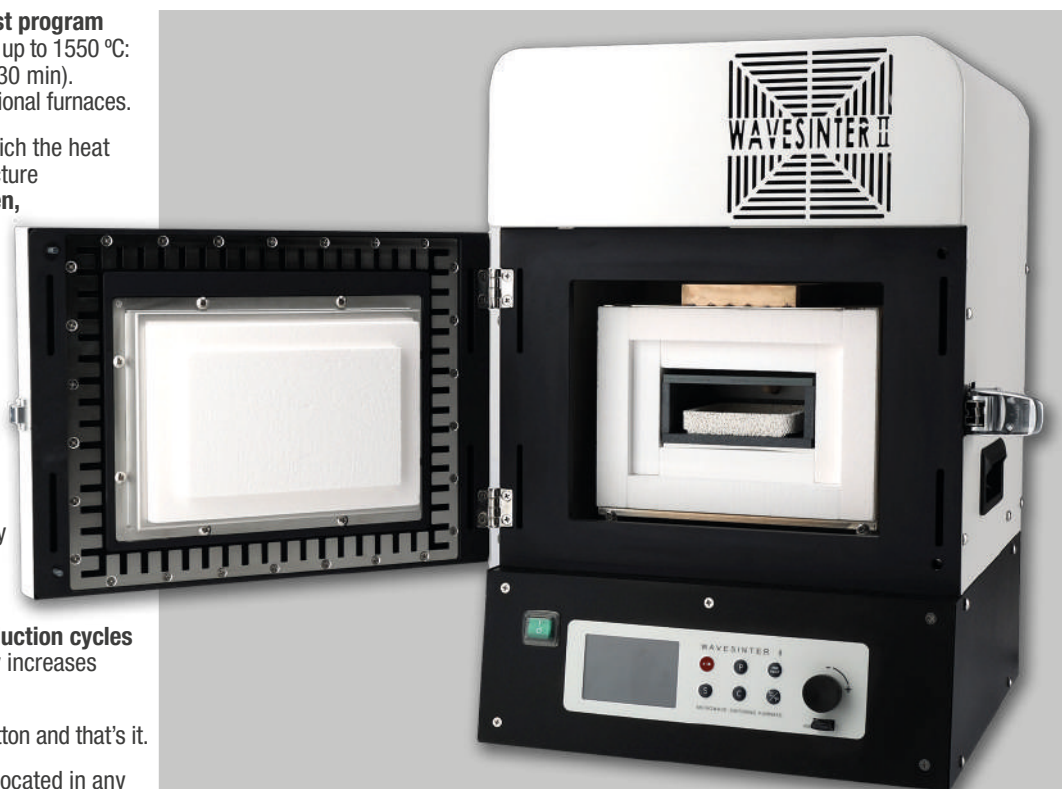
Easy trash removal



Zirconia microwave furnace

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



Glazing furnace

Ref. 100252

WHAT IS GLAZING AIR?

Glazing is the process of post-processing the sintered zirconia. Not only does it give a high aesthetic by forming a gloss layer on the prosthesis, but it also stabilizes the color of the prosthesis and increases the surface hardness to increase the resistance to tooth abrasion and fracture.

Zirconia prosthetics have become the trend, and more customers have to buy a porcelain furnace just for glazing.

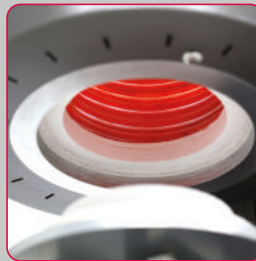
The **GLAZING AIR** is furnace only for zirconia glazing, which boldly excludes vacuum functions not used for glazing, and is a affordable product that leaves only fast and precise temperature control technology, compact size and economic cost.

ADVANTAGES

AFFORDABLE FURNACE ONLY FOR GLAZING



Furnace only for zirconia glazing that excludes functions such as vacuum, and leaved absolutely necessary functions.



SPEEDY GLAZING



It reaches 1000 °C in less than 10 (average 5 minutes) minutes using a Kanthal® heater with good thermal conductivity.

PRECISE TEMPERATURE CONTROL

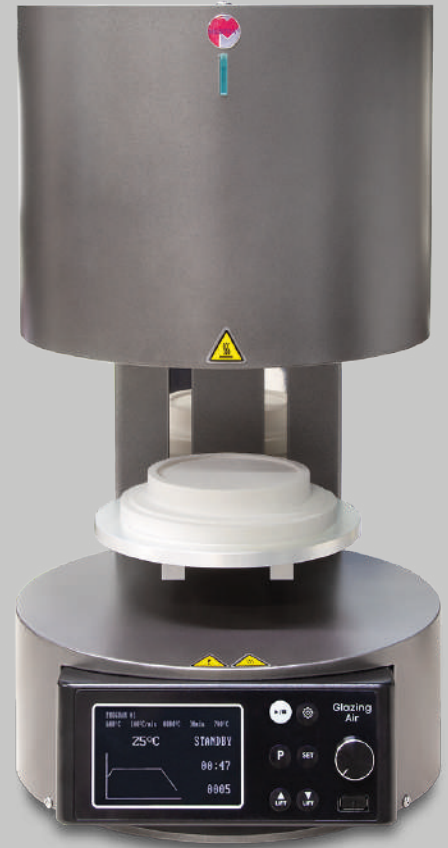


Precise temperature control provides the perfect outcome for any brand.

HIGH USER CONVENIENCE



- Both the membrane keyboard and the touch screen can be used simultaneously.
- Improves user convenience by including an auxiliary pedestal in the design (to place the result).



Specification

Dimensions: Width 246 mm x Depth 319 mm x Height 434 mm

Weight: 13 kg

Rating power: Max. 1,3 kW

Input power source: AC 220~240V 50/60Hz

Fuse: 10 A

Max temperature: 1000 °C

Consumables for glazing furnace

Ref. ---

COMING SOON

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.

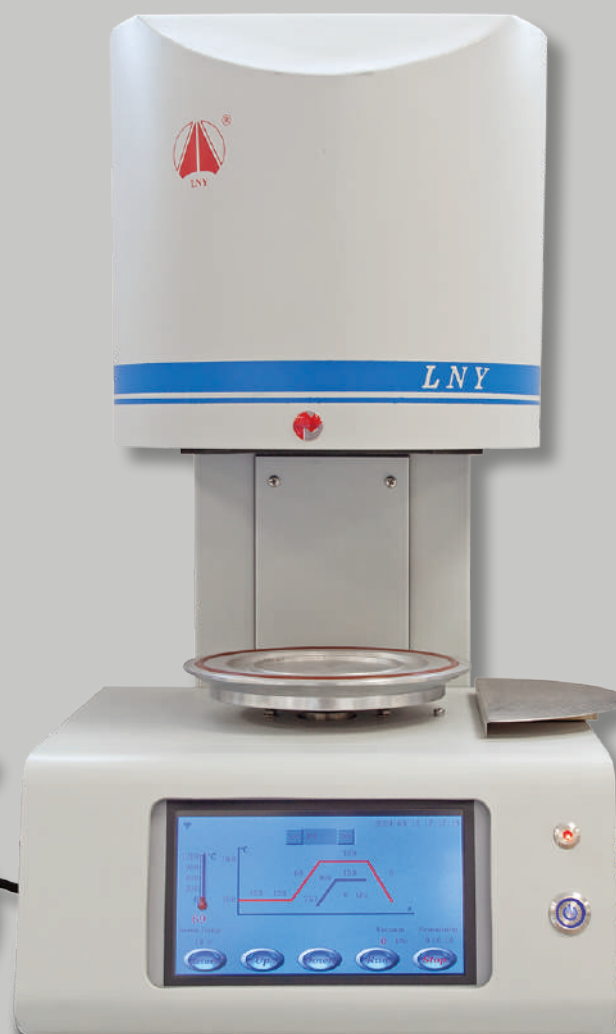
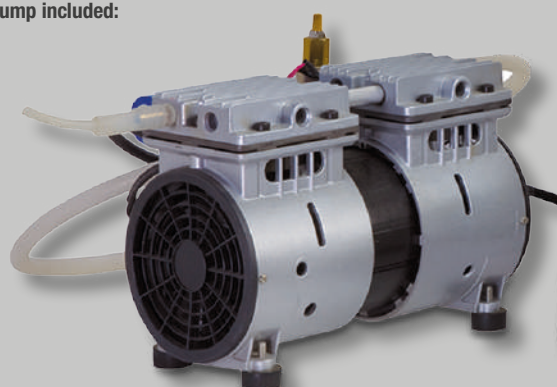
To improve precision, the oven allows you to calibrate the temperature. The oven also has different alarms that will inform about any anomaly: thermocouple or resistance breakage, vacuum system failure, etc...

The oven is supplied with the following elements:

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

Vacuum pump included:

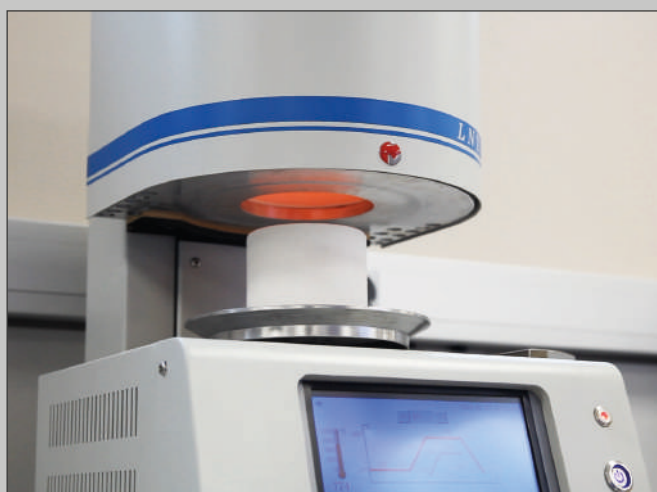
426 mm
320 mm
392 mm
24 kg



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.



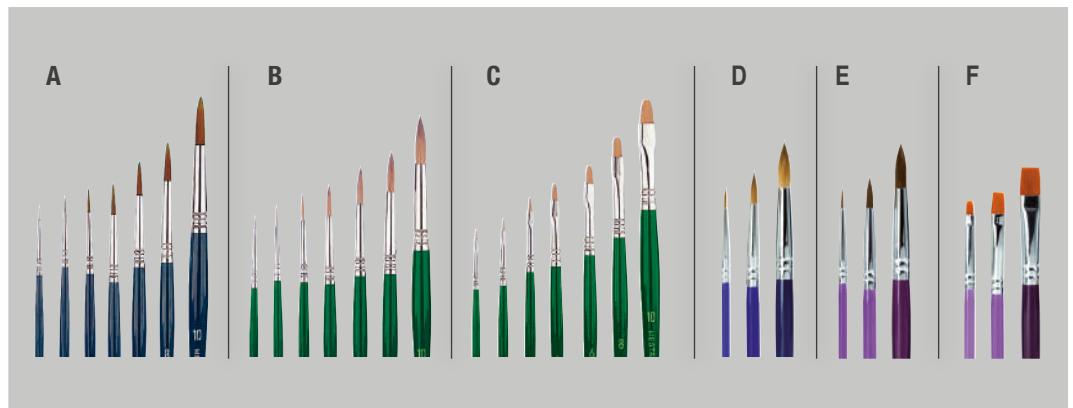
Oven working.

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

REF. 050431P

REF. 050434P

REF. 050432P

REF. 050433P



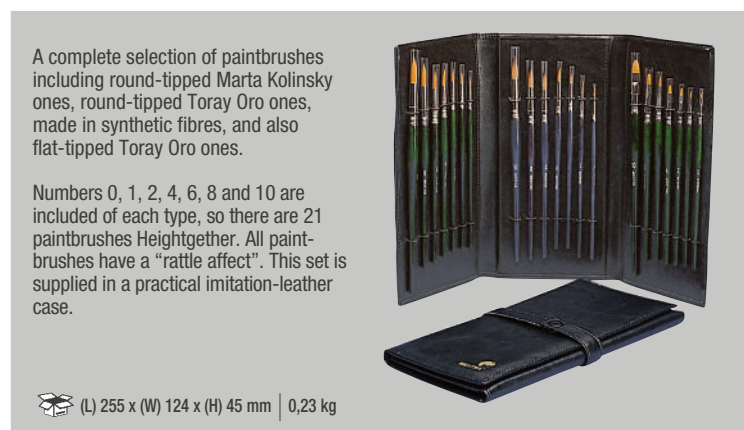
25x19 y 16x14 mm

Ø 5x9 y 12x15 mm

Set of instruments (for ceramic) **Ref. 050500**



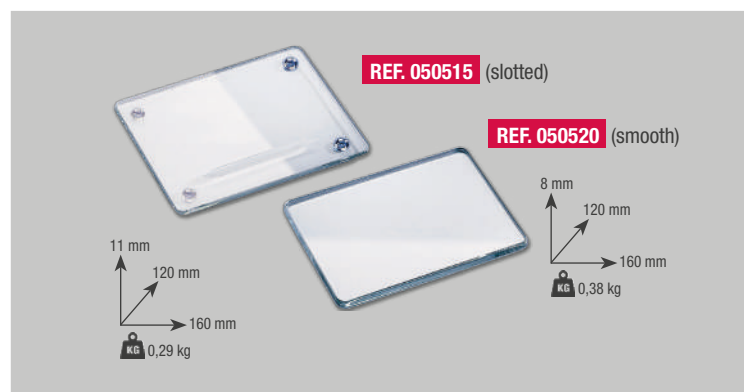
Set of paintbrushes **Ref. 050432** (21 u.)



Set of paintbrushes **REF. 050490** (6 pieces)



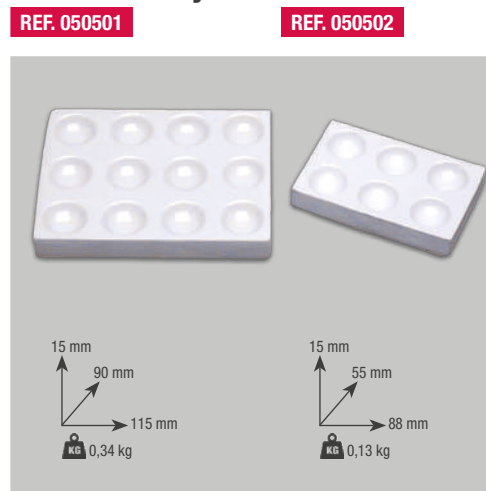
Glass plates



Ceramic palette



Porcelain trays



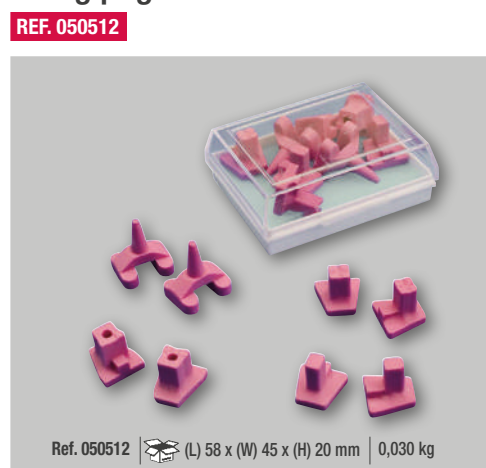
Porcelain trays



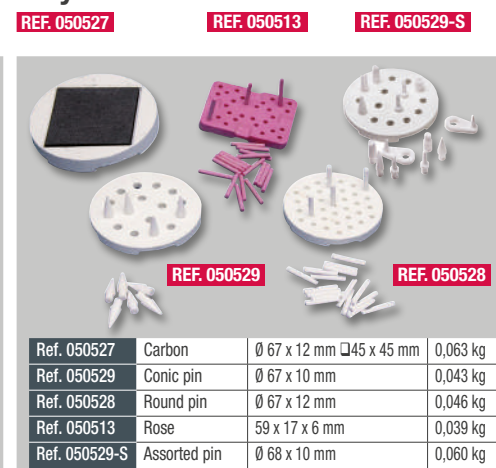
Set of ceramic firing trays (ceramic holders) **REF. 050530**



Firing pegs **REF. 050512**



Trays for furnace



TITAN 8 steam cleaner

REF. 100202

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



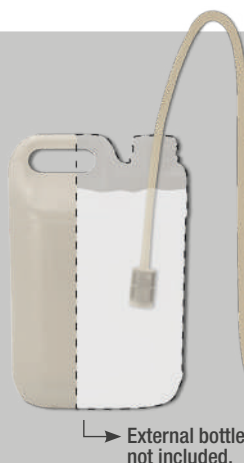
Dimensions	360 x 270 x 420 mm
Power	2200 W
Voltage	220 V, 50/60 Hz
Pressure	8 bar
Weight	12,5 kg
Boiler	3 L

Professional use

TITAN AUTOFILL steam cleaner

REF. 100203

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



It is MANDATORY
to use distilled
water

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



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

TITAN PLUS steam cleaner

REF. 100204

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.

It is MANDATORY
to use distilled
water

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.

- ✓ Manufactured on a robust polypropylene frame, it has a large window that gives access to the chamber.
- ✓ Deflector frame so that the steam stays inside the chamber, without leaks.
- ✓ Lighting with two powerful, low-energy light bulbs.
- ✓ 2 filters.

Height	570 mm	Capacity	8 L
Width	520 mm	Voltage	230V, 50/60 Hz
Depth	490 mm	Power	140 W
Weight	24 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.

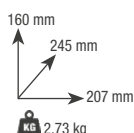
Appearance:

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



Work stations

Work station

REF. 080195

An steel structure combined with a high-quality wooden countertop. A spacious, robust, and perfectly illuminated station for precise and comfortable work. Includes the RENHE 119 carbon brush handpiece.

- ✓ Dual extraction system (upper and lower).
- ✓ Main power switch and independent lighting switch.
- ✓ Foot pedal for activating the handpiece and extraction.

- ✓ Integrated power outlet.
- ✓ Air gun with integrated pressure gauge.
- ✓ Astillera de madera.
- ✓ With drawers.
- ✓ Flexible lens for magnification.
- ✓ Two polycarbonate protective screens for the workbench.

Height	1240 mm
Width	750 mm
Depth	550 mm
Weight	70 kg



Work box Orión

REF. 080214



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

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



Small finishing box

REF. 080534L

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

Height	230 mm
Width	345 mm
Depth	400 mm
Weight	2,4 kg



Large finishing box

(designed for zirconium)

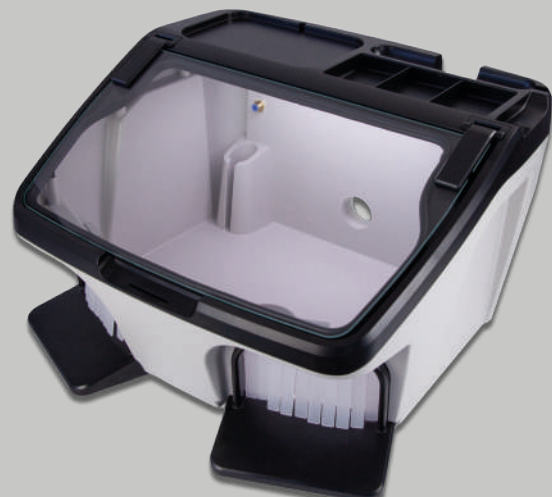
REF. 080212

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 refining operations.

Supplied with 2 plugs and power supply with switch (12 V).

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

Height	336 mm
Width	500 mm
Depth	542 mm
Weight	4,9 kg
Voltage	12 V



Micromotors

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



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



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



Micromotors

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



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.

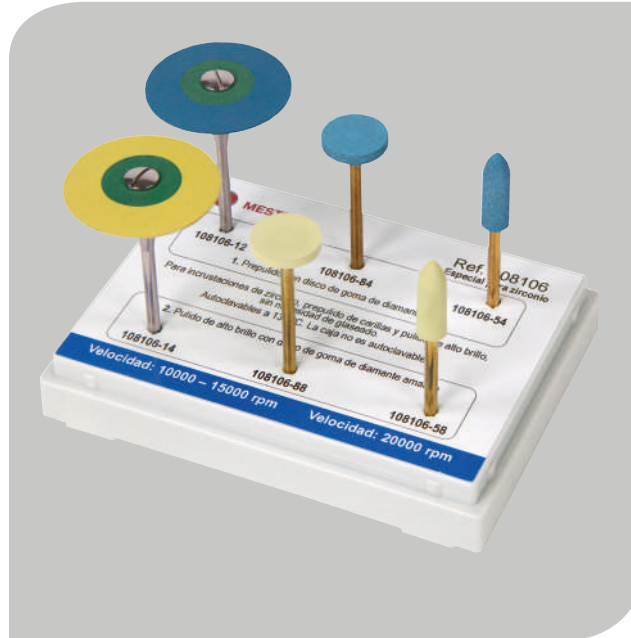
Dimensions	191 x 130 x 90 mm
Weight	2,8 kg
Max. speed	50000 rpm
Torque	5.8 N-cm
Power	120 W
Voltage	200-240 V - 50/60 hz
Handpiece	Ø 20 x 157 mm
Handpiece weight	205 g



Polishing discs and burs for zirconia

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

They are autoclavable at 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



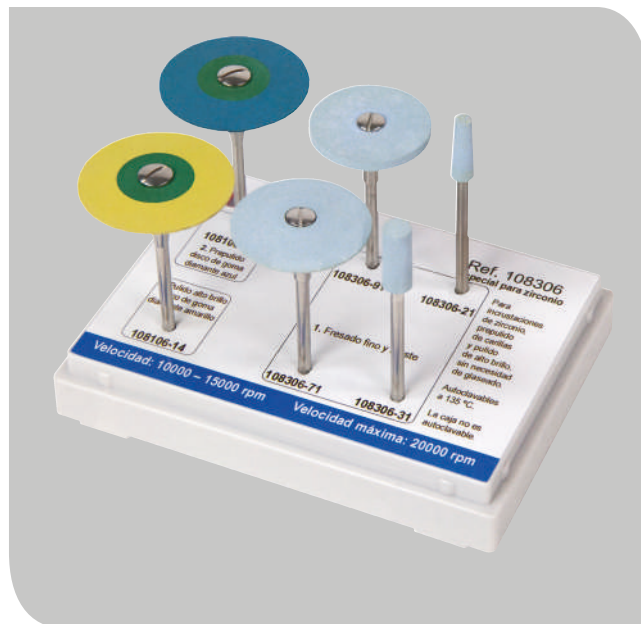
REF. 108106-88
Diamond rubber
Extra-fine grain • Fine polishing
Bur Ø 12 × 2 mm
Max. Speed 20000 rpm



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

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.

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.

Premium Gingiva

Ref. 143021



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

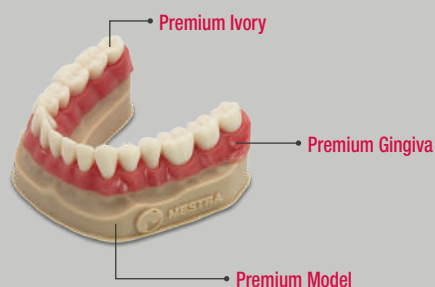
Characteristics:

- ✓ 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 (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

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

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

Premium model 5 kg jug

REF.143001-05



Cone filters for resins (100 u.)

REF.130360

Filters for reusing the leftover resin in your printer's trays.



New Biocompatible resins

Premium Denture

COMING SOON



Advanced resin for removable prostheses, offering high strength, flexibility, and aesthetics. It enables faster, more precise, cost-effective, and reliable digital fabrication.

Characteristics:

- ✓ Class IIA biocompatible.
- ✓ Natural gingival shade with high stability.
- ✓ Excellent dimensional stability.
- ✓ Formulated for easy printing on a wide range of machines.
- ✓ Superior intraoral fit.
- ✓ Easy to polish.

Resin parameters	Value	Unit
Wavelength	405	nm
Viscosity	400	mPa·s
Elongation at break	3.7	mm
Flexural strength	127	Mpa
Elongation resistance	3200	Mpa
Water absorption	0.078	mg/mm ³



Premium Wax

COMING SOON



A high-performance, high-wax-content burnout resin developed to reduce the risk of investment cracking during the casting of large metal frameworks.

Thanks to its optimized composition, it burns out cleanly and uniformly without leaving residue, making it ideal for producing both metal and pressed-ceramic restorations.

Characteristics:

- ✓ Dimensional stability.
- ✓ Leaves no residue.
- ✓ High-precision resin.
- ✓ Formula for easy printing across a wide range of machines.

Resin parameters	Value	Unit
Wavelength	405	nm
Liquid density	1.1	g/cm ³
Solid density	1.2	g/cm ³



Premium Temp Hard

COMING SOON



Designed for All-on-Four and All-on-Six implants, offering durability, aesthetics, comfort, color stability, and high fracture resistance during the healing process.

** Ver referencias en páginas 10-12.*

Characteristics:

- ✓ Class IIA biocompatible.
- ✓ Shades A1 and A2 suitable for tinting.
- ✓ Long-term provisional.
- ✓ High aesthetics compatible with VITA shades.

Resin parameters	Value	Unit
Wavelength	405	nm
Elongation at break	5.6	mm
Flexural strength	147	Mpa
Elongation resistance	3100	Mpa
Water absorption	0.078	mg/mm ³



Premium Enamel

COMING SOON



A next-generation material reinforced with nanosilica and nanozirconia, combining strength, transparency, durability, and superior aesthetics for high-performance restorations.

Characteristics:

- ✓ Class IIA biocompatible.
- ✓ Intraoral permanent material.
- ✓ Shade A1 (suitable for makeup application).
- ✓ Translucent aesthetics that imitate dentin.
- ✓ High-hardness, abrasion-resistant nano-zirconia reinforcement

Resin parameters	Value	Unit
Wavelength	405	nm
Viscosity	950	Mpa-s
Elongation at break	5.2	mm
Flexural strength	166	Mpa
Elongation resistance	2150	Mpa
Water absorption	0.044	mg/mm ³



Premium Splint Soft

COMING SOON



A highly durable resin that allows for slight adjustments to facilitate intraoral fit and compensate for intraoral scanner inaccuracies.

Recommended for 100% digital splints; features a completely transparent color that is resistant to yellowing.

Characteristics:

- ✓ Class IIA biocompatible.
- ✓ Transparent color.
- ✓ It doesn't yellow.
- ✓ Developed for 100% digital splints.
- ✓ Best mouthfeel.
- ✓ Anti-breakage and anti-cracking formula.

Resin parameters	Value	Unit
Wavelength	405	nm
Viscosity	400	Mpa·s
Elongation at break	>30%	
Liquid density	1.1	g/cm ³
Solid density	1.2	g/cm ³



Premium Splint Hard

COMING SOON



A resin offering high toughness and hardness to alleviate and correct the symptoms of bruxism.

Developed to be completely transparent and resistant to yellowing.

Characteristics:

- ✓ Class IIA biocompatible.
- ✓ Transparent color.
- ✓ It doesn't yellow.
- ✓ Abrasion-resistant.
- ✓ High hardness and rigidity.
- ✓ Formula for easy printing on a wide range of machines.

Resin parameters	Value	Unit
Wavelength	405	nm
Viscosity	400	Mpa·s
Flexural strength	100	Mpa
Elongation resistance	2350	Mpa
Liquid density	1.1	g/cm ³
Solid density	1.2	g/cm ³



COMING SOON: Digital Analog One-Click®



The **One Click®** digital analog is the innovative dental analog system patented by Tesseracto.

The dental market offers a multitude of options when it comes to choosing an implant analog, but... How do you know which one is a good choice?

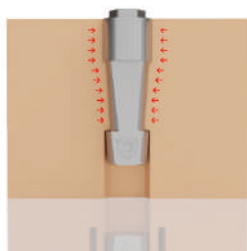
As the name implies, a digital dental analog must accurately replicate the implant and the patient's actual clinical situation; therefore, precision and stability are crucial.

The analog should seat firmly and naturally; however, the screws used by many brands often provide a false sense of security in this regard. This is because inserting an analog requires the socket to be slightly larger -regardless of the tolerance level- and that gap can alter the analog's position when the screw is tightened.

That is why we are introducing the **One Click®** digital analog, our patented system that simply and effectively corrects these issues.

ADVANTAGES OF DIGITAL ONE CLICK® ANALOGS

ACCURATE



They do not rely on screws that could alter the position depending on the applied torque. **One Click®** analogs are press-fitted, ensuring force distribution that keeps them securely in place.

Furthermore, they do not rest on the base, so any debris can escape without affecting their position.

VERIFIABLE



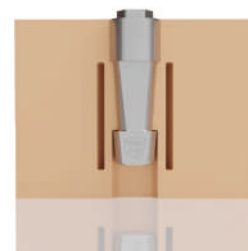
With a window that ensures you can always be certain your **One Click®** digital analog is fully seated and in the correct position.

UNIVERSAL



The first analog 100% compatible with all scanbodies on the market. Perfect fit, regardless of the brand or type of scanbody used for scanning.

REUSABLE



It features lateral openings that allow for insertion and removal, yet -thanks to its arrowhead shape- it becomes completely locked in place once it reaches its final position.

CODE	DESCRIPTION	CODE	DESCRIPTION
00082	Analog One-Click 3CR 3i Certain RP	00098	Analog One-Click STR Straumann Tissuelevel RN
00088	Analog One-Click AAR Astra Aqua 3.5-4.0	00099	Analog One-Click ZTN Zimmer TSV 3.7
00089	Analog One-Click AYN Astra Yellow 3.0	00100	Analog One-Click ZTR Zimmer TSV 4.5
00090	Analog One-Click BAR BTI interna RP	00170	Analog One-Click BMN BTI Multi-IM NP
00091	Analog One-Click NBR Nobel Branemark RP	00171	Analog One-Click BMR BTI Multi-IM RP
00092	Analog One-Click NMR Nobel Multiunit RP	00175	Analog One-Click NAN Nobel Active NP
00093	Analog One-Click SBN Straumann Bonelevel NC	00176	Analog One-Click NGM Neodent GM
00094	Analog One-Click SBR Straumann Bonelevel RC	00177	Analog One-Click MON Megagen Octa 3.8
00095	Analog One-Click SKM Sweden Khono 3.3	00178	Analog One-Click MOR Megagen Octa 4.8
00096	Analog One-Click SKN Sweden Khono 3.8	00179	Analog One-Click SK2 Klockner SK2

CODE	DESCRIPTION	CODE	DESCRIPTION
00180	Analog One-Click SAR Straumann SRA 4.6	00198	Analog One-Click ZTW Zimmer TSV 5.7
00181	Analog One-Click SAN Straumann SRA 3.6	00199	Analog One-Click ZTE Zimmer Eztec 2.9
00182	Analog One-Click KPR Klockner Vega Permanent	00200	Analog One-Click KER Klockner Essential 4.5
00183	Analog One-Click NBN Nobel Branemark NP	00201	Analog One-Click STW Straumann Tissuelevel WN
00184	Analog One-Click NAR Nobel Active RP	00202	Analog One-Click MOW Megagen Octa 5.8
00185	Analog One-Click GMR Galimplant MUSA		
00186	Analog One-Click KVN Klockner Vega NP		
00187	Analog One-Click KVR Klockner Vega RP		
00196	Analog One-Click 3CN 3i Certain NP		
00197	Analog One-Click BHM Biohorizons int 3.0		

Curing light SUN BEAM 3D+

REF.150121

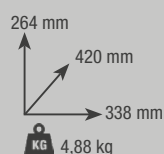
NEW MODEL

LARGER CHAMBER. FEATURING A DRYING FUNCTION AND AN ACTIVE CARBON FILTER THAT ELIMINATES ODOURS.

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
Curing power	40 W
Drying power	150 W
Timer	0-60"
UV lights	4 strips, 16 lights (+10.000 hours of use)
Wavelength	400-405 nm
Rotation	8 rpm



CARBON FILTER INCLUDED:

Prevents odours and residues.

REF. 150121-05



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



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