



Curing light UV SUN BEAM 3D+

Ref. 150121



3D printing curing box

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As dental laboratories increasingly use photopolymerizable resins, **MESTRA** today presents "**SUN BEAM 3D+**", an efficient and versatile photopolymerization station.

The UV curing chamber is a component of 3D printing solutions. The UV device emits constant, concentrated and uniform ultraviolet light to quickly cure prints made with photopolymer resins. The subsequent curing process increases the hardness and strength of the printed products.

SUN BEAM 3D+ is the ideal photopolymerization station for the laboratory. Its simplicity of use, its advanced technology, its quality-price ratio will make it a reference in the dental prosthetics laboratory of the 21st century.

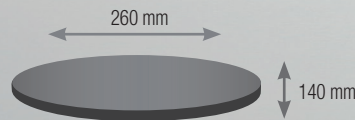
Specifications

Dimensions L 300 x W 300 x H 250 mm	Box dimensions L 400 x W 400 x H 300 mm	Useful space Ø 260 x H 140 mm
Net weight 6 kg	Gross weight 8 kg	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"	4 strips, 16 UV lights	Wavelength 375-405 nm
Rotation 8 rpm		

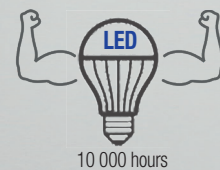
FEATURES



- ✓ The elegance of the design and its carefully thought-out dimensions make it an aesthetic product that can find its place anywhere in the production area.



- ✓ The photopolymerisation chamber can accommodate large parts and in large quantities: the tray has a diameter of 260 mm and the useful height is 140 mm.
- ✓ The rotation of the plate ensures homogeneous curing.



- ✓ LED lamp technology has been chosen over traditional lamps that are more energy-hungry and polluting. The lifespan of the LEDs is estimated at over 10 000 hours of use.



- ✓ The wide opening of the door allows easy arrangement of the elements on the rotating plate of the chamber.

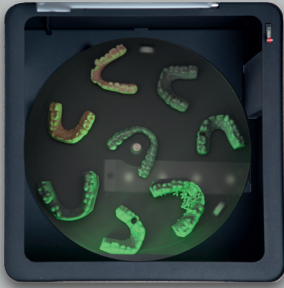


- ✓ The UV wavelength of 400-405 nm is optimised for 3D resins.



- ✓ The electronic control allows time selection between 0 and 60 minutes.

ADVANTAGES



WIDE SPACE

A large working volume of $\varnothing 260 \times 140$ mm allows for batch curing of models in a faster time, making it an excellent choice for use in professional printing scenarios.

The surface area is twice that of the previous model: **Ref. 150120**.



NO BLIND SPOTS

A 360° rotating removable plate and 16 UV LED lights distributed in 4 positions ensure uniform curing of the resin and greater surface durability, even on the underside. Prevents over- or under-curing defects.

TRANSPARENT WINDOW

The viewing window filter blocks up to 99 % of UV light.



EASY TO FOLD LID

A 90° folding lid provides full access to the workspace.





At **MESTRA** we are specialized in the manufacture and distribution of dental machinery and appliances. We are a Spanish company based in Bizkaia. We currently export to clients in more than fifty countries on five continents and we have more than a thousand references in our catalogue.

We have maintained a line of constant expansion since our foundation in 1945, thanks to our best qualities: the high quality of our products that have earned the ISO 9001:2015 certification by TÜV Rheinland, a close and attentive relationship with our customers, and a constant technical innovation in the design of our products.

Our design philosophy is based on three fundamental pillars: the needs of our clients, the observation of the techniques used in dental laboratories and our more than 77 years of experience providing creative and contemporary solutions to the daily problems of professionals in the sector.

Do you want to take a virtual visit to our training and exhibition center?

Contact us and we'll show you!



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