



PHOTOPOL

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PHOTOPOL. EXCELLENCE. TODAY.

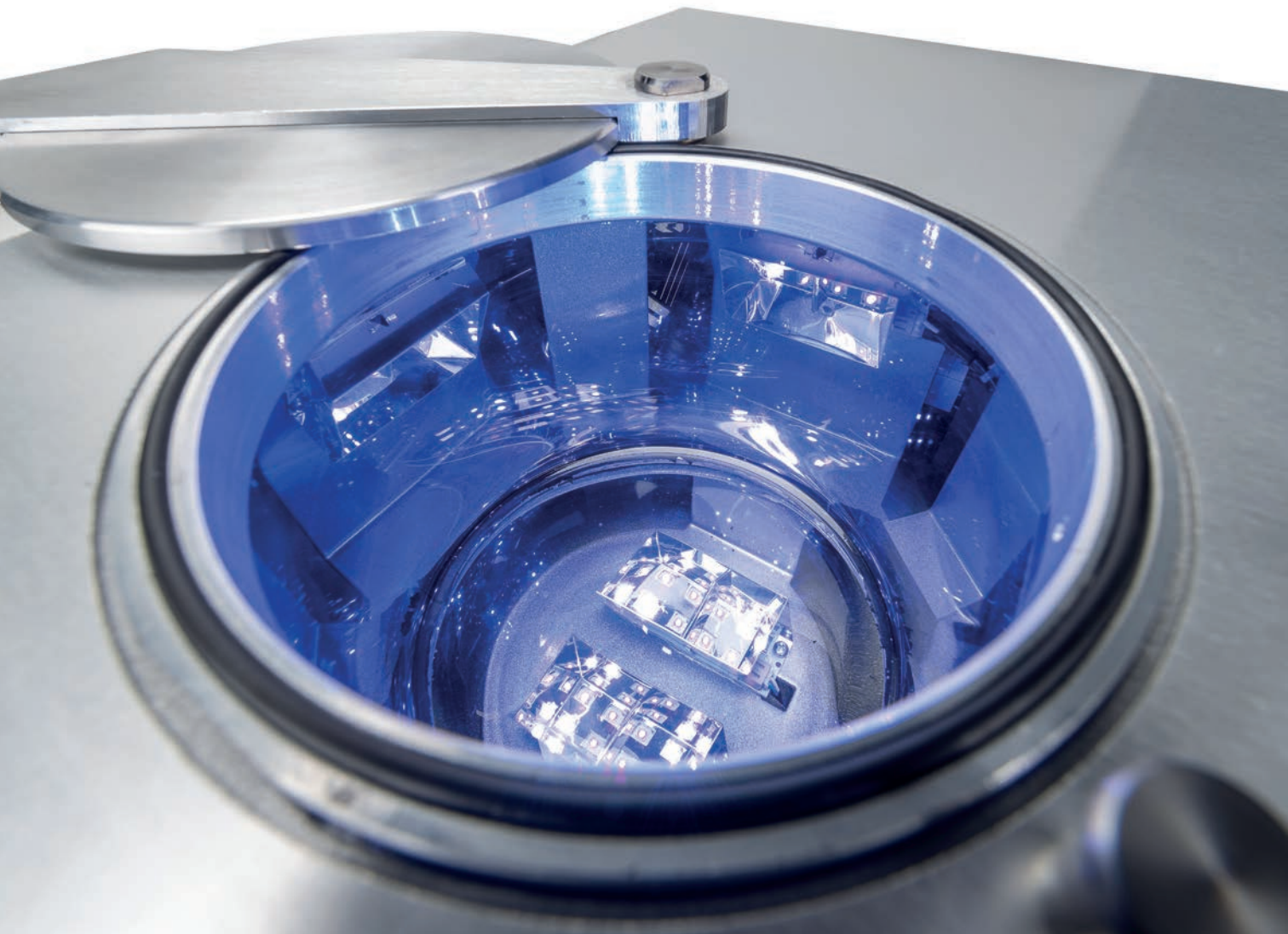
PHOTOPOL is a LED polymerization unit for the post-curing of objects created by means of 3D printing with biocompatible 3D resins in Class IIa for Dental field applications (orthodontic base components, drilling templates, occlusal splints, fixation and transfer keys, X-ray and drilling templates, temporary tooth restorations) and Hearing Aid field applications (hard earmoulds and hearing protections, hard ITE shells, soft massive earmoulds, noise protectors, foil earmoulds).

PHOTOPOL is engineered and manufactured in Italy by Dentalfarm, a leading company that has been acting as a well-established player throughout the global dental industry since 1972. The research and the development of advanced solutions has always been a distinctive feature for the Italian manufacturer, based in Turin.



INSIDE PHOTOPOL.

PHOTOPOL is equipped with 6 special 8-LEDs circuits with optical reflectors, developed to maximize the irradiation effect. The operating spectrum allows to post-cure components created with 3D printers working both 385nm or 405nm waveleghts. It features a touch-screen full-color display to select parameters and programs can be stored. All curing cycles can be performed under vacuum (a powerful but small oil-less pump is built-in) and the unit can be connected to an external protective gas (Nitrogen N2) appliance. The "V.G.S" (Vacuum & Gas System) allows to flow into the working chamber only a fixed quantity of Nitrogen (1.5 litres per cycle) with an impressive very low gas consumption.



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LED TECHNOLOGY

6 special 8 LED (Hi-Power SMD) circuits (48 LED total)

WAVELENGTHS

Operating spectrum from 350nm to 450nm

TOUCH-SCREEN FULL-COLOR DISPLAY

LIGHT-CURING ENVIRONMENT

With "VACUUM + GAS" for all Class IIa biomedical materials.
100 programs available

CURING CHAMBER

Useful size under vacuum bell: Ø 135mm x h 80mm

VOLTAGE

230V - 50/60Hz (different voltage available on request)

ABSORPTION

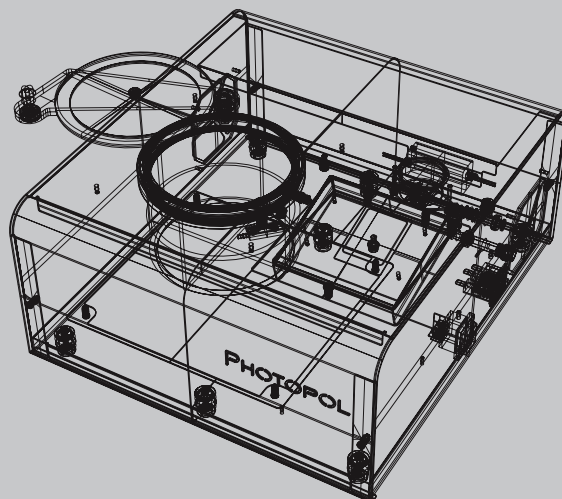
500W

DIMENSIONS

Width: 400mm - Depth: 430mm - Height: 240mm

NET / GROSS WEIGHT

14,6Kg -17,0Kg





PHOTOPOL

THE PHOTOPOL FAMILY.

During the course of his history, Dentalfarm has been manufacturing unique light-curing units, starting with the Photopol Light in 2005, a very successful device that featured four UV cold lights and two powerful spot lights. The initial project has been growing through the years following the requirements of the dental field, as well as the audiology and the jewellery industries, to mention some. LED technology replaced the traditional “halogen” lights. The advantage of “cold lights” and their increased lifespan, together with the undeniable economic advantages, make LED units the best option for so many different light-curing related applications.

Today the **PHOTOPOL** brand (a Dentalfarm trademark) is able to offer to the market a wide range of equipment expressly designed and built in order to match the technical requirements of very specific and professional Client.

The top of the range **PHOTOPOL** version is also available without the VACUUM+GAS System for those post-curing applications that do need to treat biomedical resins.

The **PHOTOPOL PRO** for dental composites, with 3 circuits of 8 LED and wide wavelengths coverage (from 320nm to 550nm) for most of the composites available on the market, with rotating plates and sliding tray, also with optional Vacuum feature.



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A **DENTALFARM** TRADEMARK

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