

PHOTOPOL



INSIDE PHOTOPOL.

PHOTOPOL (A5408V) 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 “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.





A5408D



A5408A

PHOTOPOL (A5408D) and **PHOTOPOL(A5408A)** are the two additional versions that have been developed for **non-biomedical resins** so they do not have the Vacuum + Gas System. The advantage of these two models is to feature a wider treatment area (**250x250mm x h100mm**) and 6 circuits of 16 LEDs (**96 LEDs** total). They are available in the **DIGITAL** version (with full-color touch-screen display & software controls) or **ANALOG** with an electronic timer.

TECHNICAL FEATURES	A5408V	A5408D	A5408A
VACUUM + GAS SYSTEM			
To comply with the 3D bio-medical resins Class 2a post-curing	✓	-	-
“DIGITAL” version			
Software Controls & Full-Color Touch-Screen Display	✓	✓	-
“ANALOG” version			
Free timing (up to 30mins) and power setting pushbotton	-	-	✓
CURING TREATMENT AREA			
Useful area for placing objects: Ø 135mm x h 80mm	✓	-	-
Treatment area size: 250x250mm h 100mm	-	✓	✓
CIRCUITS / LEDs	6x8* (48 LEDs)	6x16 (96 LEDs)	6x16 (96 LEDs)
	<i>*circuits featuring special reflectors</i>		
WAVELENGTH			
Spectrum 350nm-450nm (only for 3D printed objects)	✓	-	-
Spectrum 350nm-550nm (suitable for composites, too)	-	✓	✓
VOLTAGE			
230V - 50/60Hz	✓	✓	✓
ABSORPTION	500W	450W	450W
EXTERNAL DIMENSIONS			
Width	400mm	450mm	450mm
Depth	400mm	360mm	360mm
Heigh	240mm	215mm	215mm
NET - GROSS WEIGHT	15,0-17,0Kg	9,0-11,0Kg	11,0-13,0Kg

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