

## A5407V PHOTOPOL PRO VACUUM LIGHT-CURING FURNACE



Product group

**Furnaces used to bake resins and composites**

Main features

- ⇒ Multi-purpose furnace developed to light-cure all composites sensitive to light currently used in the dental field, both those intended for aesthetic restorations and those produced with 3D printing system
- ⇒ Ideal combination of 24 UV LEDs in different colours, emitting wide spectrum rays (ranging from 350 nm – violet to 500 nm – blue) which will activate the chemical reaction with any kind of photo-activator
- ⇒ A special collimation lens concentrates the light emitted by each individual LED thus considerably increasing efficiency
- ⇒ 3 circuits à 8 LEDs each, arranged in a winding and focused section over the rotating plate
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- ⇒ Timer-controlled working options: UV high spectrum only, UV low spectrum only or both combined emissions, available under vacuum, too
- ⇒ Possibility to carry out the pre-lightcuring under consecutive steps of few seconds (endless step numbers with automatic start)
- ⇒ Storage of different working programs
- ⇒ Built-in pump, polycarbonate bell-jar and vacuum gauge
- ⇒ Polished working chamber and plate with mirror effect assuring the best light refraction
- ⇒ The front opening of the wide drawer gives free access to the working chamber allowing to position easily the elements to be treated
- ⇒ Rotating turntable working on continuous cycle to assure the all-over exposure of bigger elements, too also during cycles under vacuum

UV lighting sources

2 circuits à 8 LEDs (SMD high power) with higher spectrum à 410nm and a lower one à 405nm, both pointing and focusing on the geometrical centre of the table (different configurations available upon request)

Vacuum pump

Dry-piston model - 230v AC 50/60 Hz

Line voltage

230v AC - 50/60 Hz

Absorption W	300
Fuse Amp	6.3
Width mm	270
Depth mm	320 (350 max)
Height mm	300
Net weight kg	10.5
Gross weight kg	12.5
Size of the rotating plate mm	Ø 95
Max size of the cured element in atmosphere mm	Ø 95 x 75h
Max size of the cured element under vacuum mm	Ø 95 x 50h