DISTORTION FREE LIGHT CURING UNITS

metalight

broadband light curing units

Gentle and distortion free polymerisation of all

light cured dental materials was the defined goal

for developing the metalight curing units

primotec®

metalight
trend

- **Metalight trend** is more spacious than the metalight mini, yet still perfect to use right at the work bench, the metalight trend is equipped with an "easy-touch" operating panel. On this panel three easy touch buttons for 5, 10 and 15 minutes polymerization cycles allow quick selection of the desired program.

Lighting and cooling system are microprocessor controlled and switch on and off automatically. An acoustic signal indicates the end of light curing cycle.

The chamber provides sufficient space for the metavac suction device, up to 4 models and taller models with plaster bases.

Consequently the metalight trend is the perfect light curing unit for making all possible cases with the metacon light cured wax system or primobase base plates. The polymerisation spectrum covers the complete range from 320 to 500nm.

The fully removeable front lid with UV filter and magnet switch allows easy access to the light curing chamber and direct observation of the light curing process from outside.

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Uses

The metalight units cure all primotec light cured materials, including:

· **Metacon** light cured wax
· **primopattern** light cured universal modeling resin
· **primosplint** composite material for night guards and more
· **primobase** light cured base plate material
· **primotray** custom impression tray material

and most other light cured dental materials

Advantages

· gentle light curing due to constantly low polymerization temperature
· innovative cooling system with fine dust filter
· comfortable and easy to use
· UV filters allow direct observation of the light curing process
· advanced Alutec Design with highest quality materials and components
· stainless steel inside, multi color coated V2A steel housing, laser cut and CAD/CAM milled aluminium parts for long lasting durability
· Made in Germany with two years warranty (excluding bulbs)

Technical tips

Since light curing in the metalight units takes place gently and without heat generation, an extended light curing time has no negative influence on the material quality of the polymerized cases.

To achieve optimally reproducible light curing times and results, the metalight bulbs should be replaced after approx. 1,000 hours of operation.

Background

All metalight units use an innovative, technically advanced cooling system that provides a low and stable polymerization temperature (only slightly above room temperature).

This ensures a uniform, gentle and tension-free curing of most light-curing dental materials. The metalight bulbs cover the entire polymerization spectrum from 320 – 500 nm.

metalight
mini

- **Metalight mini** is the smallest and most cost effective Metalight model.
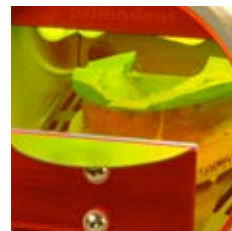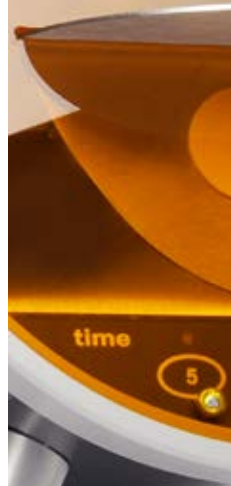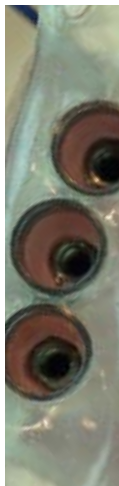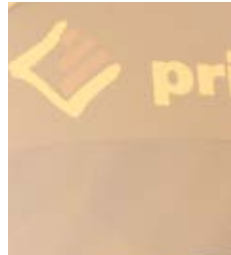
  It is perfect for use directly at the work bench, which increases efficiency and avoids waiting times at the central laboratory light curing unit.

  Due to its two special lamps, the metalight mini is applicable for the light curing of most dental materials with a polymerisation spectrum between 320 and 500 nm.

The polymerisation chamber of the metalight mini accomodates up to two stone models. Its stainless steel drawer makes it easy to place the stone models in the unit while the combined UV filter allows direct observation of the light curing process.

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LIGHT CURING

ORDERING INFO

Item #	Item
ML120	**metalight mini** Broadband light curing device with cooling system · two UV special lamps · UV spectrum: 320nm - 500nm · 230/115V / 50Hz · Dimensions: L=310mm, Ø=120mm, H=162mm · Internal dimensions: L=150mm, W=90mm, H=60mm to 35mm · Weight: 2.7kg
ML110	**metalight trend** Broadband light curing device with cooling system · three adjustable polymerization times · four UV special lamps · UV spectrum: 320nm - 500nm · 230/115V / 50Hz · Dimensions: L=330mm, Ø=180mm, H=230mm · Internal dimensions: L=160mm, W=124mm, H=120mm to 80mm · Weight: 4.3kg
ML800	**metalight UV-lamp 9W/78/G23** Spectral range 320 to 400nm
ML801	**metalight UV-lamp 9W/71/G23** Spectral range 400 to 500nm

primotec

domestic dealer

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