

## CIRCUMFERENTIAL UV LIGHT SYSTEM



## UVAPRINT LE

UVAPRINT LE is a high intensity UV lamp unit for uniform circumferential irradiation of filament type materials.

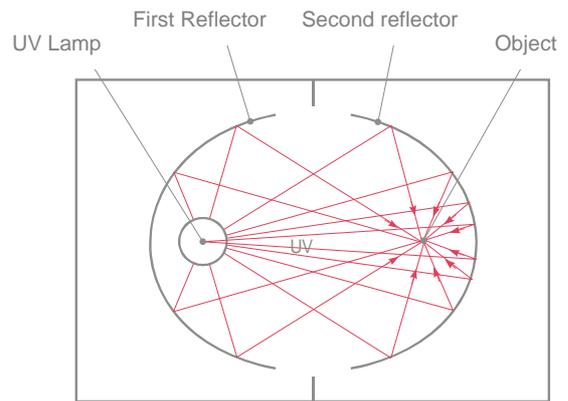
The system incorporates a reflector system which produces a focused line of UV light at the central axis of a quartz tube. This concentrates the emitted energy, resulting in an extremely high flux intensity and a maximum performance. The lamp housing can be swung open and is therefore easy to maintain.

The above shown version shows a unit with two lamps in one housing. Both lamps are controlled independent from each other. This allows a maximum of production flexibility.

UVAPRINT LE is particularly suitable for curing of inks and coatings on all types of filament materials. Typical examples include: Optical Fibre, Cable, Wire and Plastic Thread.

## Principle

Two reflectors are installed opposite each other to produce an ellipse. The lamp is mounted in the focal point of the first reflector which produces a focused line of high intensity UV light at the focal point of the second reflector. Inert gas shielding can be installed as required.



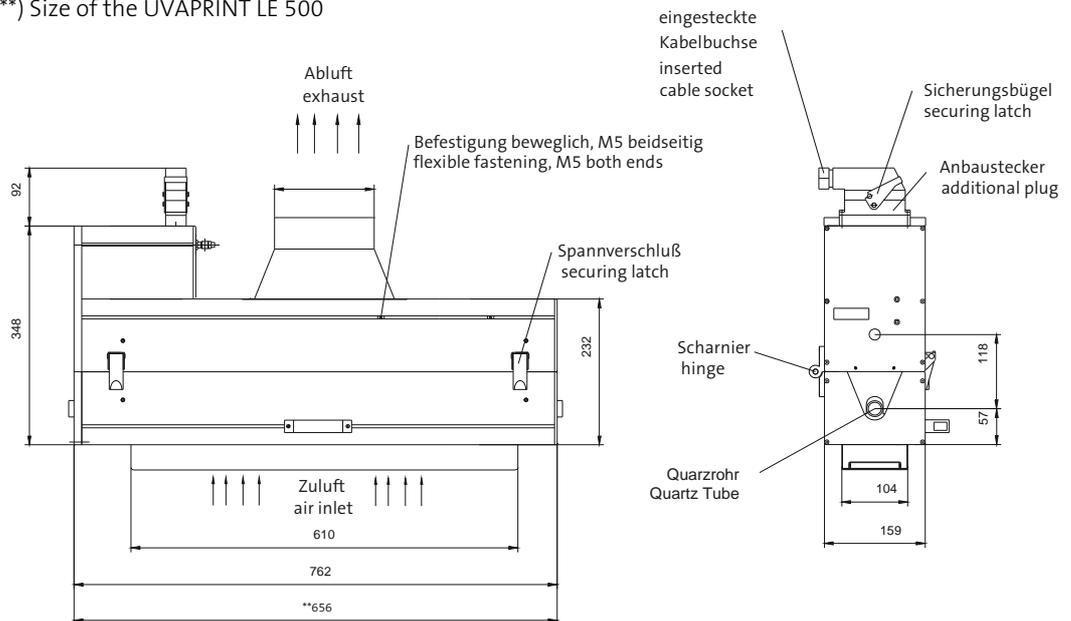
## Technical Data

UVAPRINT LE is fitted with a shutter system to protect the filament material from over exposure during production interruptions.

UVAPRINT LE is available in 100 mm to 500 mm arc length with a maximum power up to 12 kW (240 W/cm). The unit is also available with two lamps in one housing. The power supply is an electronical ballast working with a main voltage of 400 V – 480 V/ 3 Phases and 50 Hz or 60 Hz.

Sizes referring on a UVAPRINT LE 2x250

\*\*\*) Size of the UVAPRINT LE 500



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Operating parameters depend on production characteristics and may differ from the foregoing information. We receive the right to modify technical data.



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ISO 9001