

UV Cure

High power reflector units with shutters for uv medium pressure lamps

The UV Cure reflector units from uv-technik meyer gmbh is specifically designed for industrial UV curing applications. The reflector unit UV Cure is cooled by air only. The maximum lamp power is 180 W/cm.

Typical applications are in the areas of:

- Continuous printing
- Flexo and screen printing
- Letterpress

Features of the reflector unit UV Cure:

- available with or without jaw
- rack system for lamp change
- compact dimensions
- closed system with quartz glass protection window
- integrated temperature sensor (PT 100)
- monitoring of the reflector unit using temperature switch
- easy to service lamp and reflector change
- built in pneumatic shutter actuator (DC 24 V) with monitored shutter position

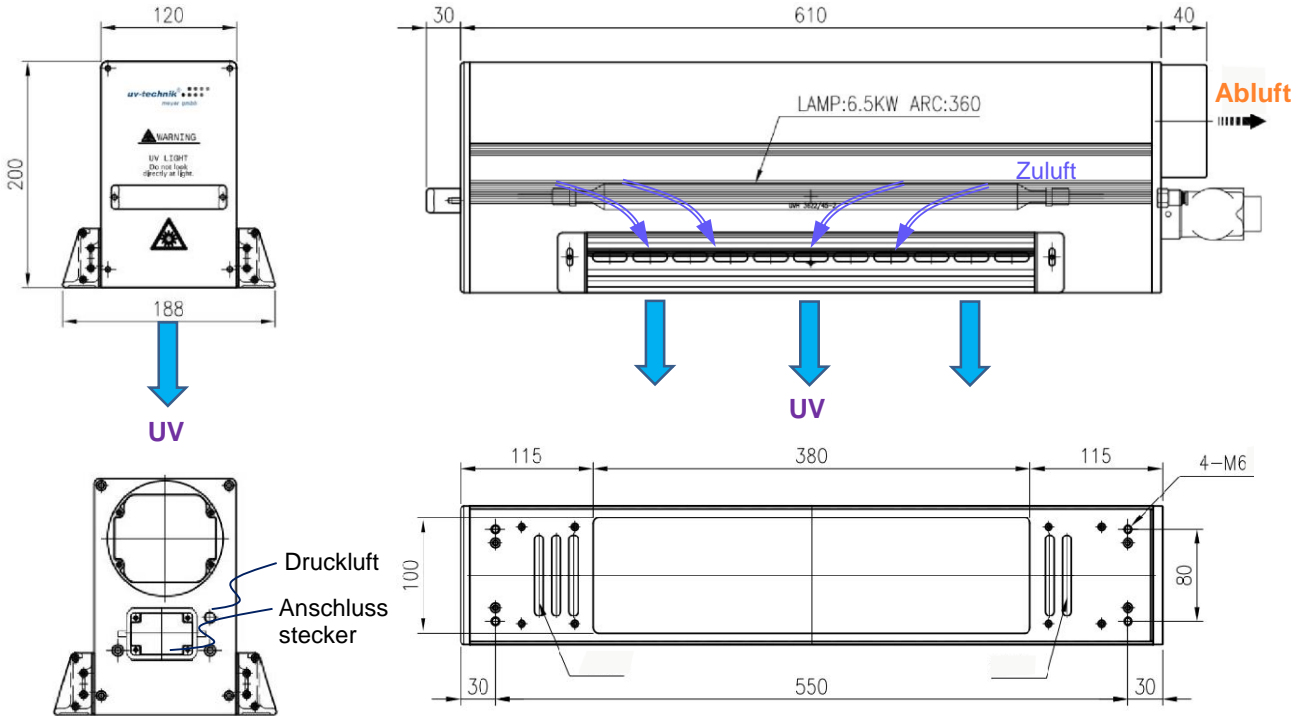


Technical data

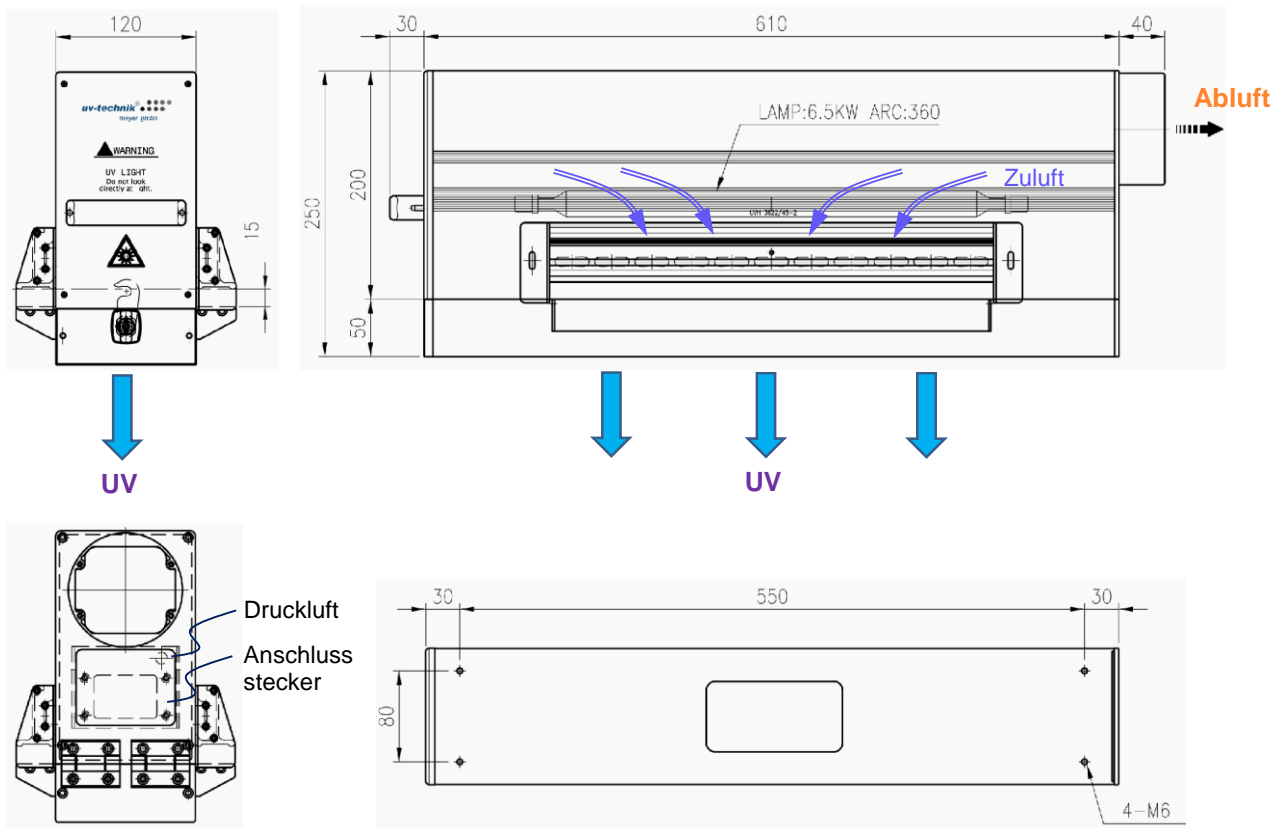
| | UV Cure 360 | | UV Cure 450 | |
|---|--|-----------------|---|-----------------|
| Art. No. | A006215 | A006216 | A006222 | A006223 |
| Jaw | no | yes | no | yes |
| Arc lengths | 360 mm | 360 mm | 450 mm | 450 mm |
| Max. lamp power | 180 W/cm | 180 W/cm | 180 W/cm | 180 W/cm |
| Lamp diameter | 24 mm | 24 mm | 24 mm | 24 mm |
| Dimensions (L x W x H in mm) without light shield and handle | 680 x 120 x 200 | 680 x 120 x 250 | 770 x 120 x 200 | 770 x 120 x 250 |
| Weight | ca. 9.9 kg | ca. 13.1 kg | ca. 11.1 kg | ca. 15.0 kg |
| UV window | Quartz glass window | | | |
| Window sizes | 380 x 100 mm | 380 x 100 mm | 470 x 100 mm | 470 x 100 mm |
| Cooling | forced-draught exhaust cooling | | | |
| Exhaust air connection | ∅ 100 mm | ∅ 100 mm | ∅ 100 mm | ∅ 100 mm |
| Electrical connection | Harting plug to supply to lamp and for following control signals and compressed air: Control: • solenoid valve (DC 24 V) | | Output signals: • shutter open/closed, • Temperature sensor for exhaust air (PT 100) • Thermo switch | |
| Shutterantrieb | pneumatic, 6...8 bar compressed-air according to ISO 8573-1:2010; ∅ 4mm | | | |
| Ambient temperature | 10 - 35 °C | | | |

Drawings:

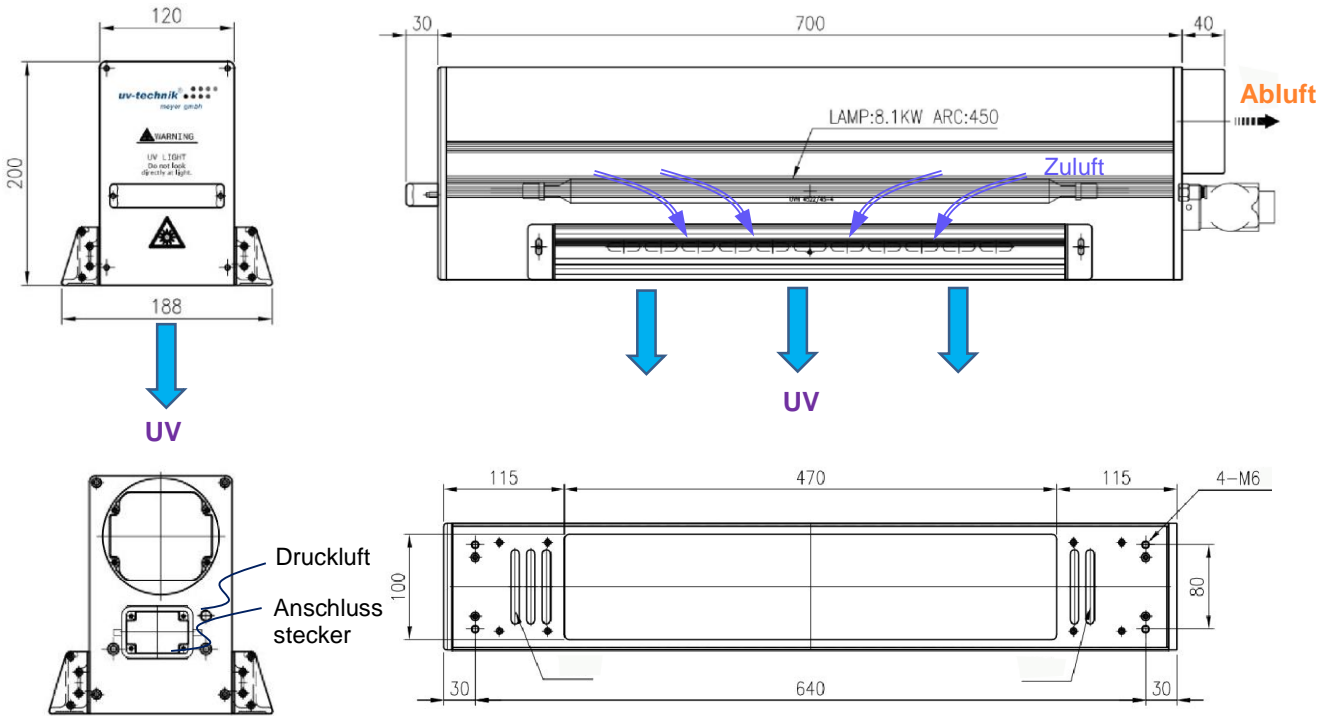
UV Cure 360 without jaw (A006215):



UV Cure 360 with jaw (A006216):



UV Cure 450 without jaw (A006222):



UV Cure 450 with jaw ((A006223):

