

**SwiftCure HL** Hand-held lamps

## SwiftCure HL-Series Hand-held lamps



Cost-effective UV hand-held lamps in the SwiftCure HL series are highly suitable for manual curing of adhesives, paint systems and undercoats.

With their aluminium housing, SwiftCure HL lamps are lightweight and easy to handle because of their well-designed weight distribution.

The illuminant and the integral filter plate can be mixed and matched to suit specific applications or to provide the spectral characteristic required for curing.

Optionally, SwiftCure hand-held lamps and their power supply can be mounted on a cart-mounted stand. The stand can be infinitely adjusted in angle and the lamp-holder can be pulled out or extended. A container is provided for storing small parts.

### Notable product features

- Lightweight but powerful design.
- Cost-effective
- 4m connecting cable between lamp and power supply
- Luminant and filter can be changed over
- Air-cooled housing with replaceable dust- and particle filter cartridge

### Recommended areas of application

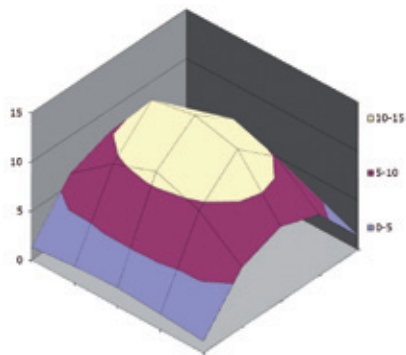
- Curing of adhesives, paints and grouts
- Photopolymerisation
- Photochemical surface reactions
- Accelerated material aging investigations
- Analysis techniques
- Material testing

Technical data		
Description	SwiftCure HL-250	SwiftCure HL-400
Art. No. with clear glass filter	70731	70733
Art. No. with black glass filter	70434	70734
Art. No. with quartz glass filter	70732	70735
Lamp data		
UV-Intensity	up to 35 mW/cm <sup>2</sup> UVA at the area of 100x100 mm	up to 70 mW/cm <sup>2</sup> UVA at the area of 100x100 mm
Nominal lamp power	250 Watt	450 Watt
Lamp variants	UVA / UVC / VIS	UVA / UVC / VIS
Lamp type	medium pressure, ozone free	medium pressure, ozone free
Lamp quantity	1	1
Typical lamp lifetime	500-1.000 h*	500-1.000 h*
Geometrical data		
Dimension (LxWxH)	219 x 166 x 260 mm	219 x 166 x 260 mm
Features		
Protection class	IP20	IP20
Optional filter for replacement (Art. No.)	clear glass filter HL (70737) black glass filter HL (70736) quartz glass filter HL (70738)	clear glass filter HL (70737) black glass filter HL (70736) quartz glass filter HL (70738)
Options (Art. No.)	Tripod (70740) Drop Box HL (70739)	Tripod (70740) Drop Box HL (70739)
Electrical data		
Voltage / Frequency	230V / 50Hz	230V / 50Hz
Power consumption	3A	5A
Operating information		
Cooling	intergrated forced air cooling	intergrated forced air cooling
Burn-in time	5 min.	5 min.
Permissible ambient temperature	+5°C... +40°C	+5°C... +40°C

\* Non-binding average values of lamp life. These values are greatly dependent on operations and applications.

#### Radiation distribution SwiftCure HL-250

Information in mW/cm<sup>2</sup> (UVA)  
measured at a distance of 20 cm.  
Area ~350 x 300 mm



#### Radiation distribution SwiftCure HL-400

Information in mW/cm<sup>2</sup> (UVA)  
measured at a distance of 20 cm.  
Area ~350 x 300 mm

