



ilumCURE – UV light source

(Article no. 160000041)

The UV handheld lighting device ilumCURE by IMM Photonics is an UV light source with a central wavelength of 365 nm. It serves as mobile UV light source for the curing of UV adhesives.

The ilumCURE features a robust aluminium casing and was especially developed for fieldwork. The integrated lithium ion accumulator allows 3.5 hours of continuous operation. Thanks to the high-performance UV LED, the curing of UV adhesives requires only a few seconds of exposure.

The ilumCURE can be re-charged via a laptop / PC or on the move via a USB port in the car.



ilumCURE incl. Quadrosafe

Technical specifications Hand-held UV Exposure Unit (Article no. 160000041)

Overall Dimensions	Length=185 mm, max. diameter 27.5 mm
Dimensions of Application nozzle	Nozzle length 53 mm Diameter 5 mm (applies for 8 mm in length)
Weight / Material	Ca. 100 g / Full metal housing, anodised aluminium
Wavelength	365 nm
Output	200 mW
System start-up	Via buttons on housing
Power supply / Connection	USB- and /or battery operation / USB-B (5 V, 500 mA)
Battery	Li-ION / 3.6 V, 2250 mAh
Battery safety functions	Overvoltage and undervoltage, overcurrent, overtemperature
Charging time for completely discharged battery	5.5 hours
Operating time with fully charged battery	3.5 hours
Battery indicator (next to USB-B jack)	Red / Green: Pre-charging for nearly completely discharged battery Red: Charging in progress Green: Battery is fully charged
Operating and storage temperature	+5 °C to + 45°C / -10 °C to + 70°C
Humidity	5 % to 95 % r. h. (non-condensing)
Delivery	- ilumCURE - Quadrosafe (L=120 mm - 200 mm, D=45 mm, PP, transparent) - Cable USB-A to USB-B - Instruction manual