

# ilumCURE 1G

UV light source with systainer

(Art.-Nr.: 1600000038)

**The UV handheld lighting device ilumCURE 1G 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 1G features a robust aluminium housing and was especially developed for fieldwork. The integrated lithium ion battery allows up to 3 hours of continuous operation. The ilumCURE 1G can be re-charged (standard charge) with various USB Ports. With the included USB mains adaptor you can fast charge and / or directly operate the device via an AC power outlet.

Thanks to the high-performance UV LED, the curing of UV adhesives requires only a few seconds of exposure.



ilumCURE 1G



Systainer

## Technical specifications handheld exposure unit (Article no. 1600000038)

Wavelength	365 nm
Output	250 mW (typ.)
Start-up	Via push-button on housing
Battery	Li-ion / 3.6 V, 2250 mAh, changeable
Battery safety functions	Over- and undervoltage, overcurrent, excess temperature
Charging time for completely discharged battery	< 4.0 h fast charge < 5.5 h standard charge
Operating time with fully charged battery	3.0 hours
Fast charge	Automatically detected
Chargers	<ul style="list-style-type: none"><li>Fast charge: USB mains adaptor 5 V / 1000 mA</li><li>Standard charge: various USB mains adaptors, PC</li></ul>
Charging indicator (next to USB-B port)	<ul style="list-style-type: none"><li>Red: Charging in progress</li><li>Green: Battery is fully charged</li></ul>
Overall Dimensions	Length 185 mm, max. diameter 27.5 mm
Lighting tip dimensions	Total length of tip 53 mm, diameter 5 mm (along 8 mm)
Weight / Material	Approx. 100 g / full metal housing, anodised aluminium
Operating / storage temperature	+5 °C to +45 °C / -10 °C to +70 °C
Humidity	5 % to 95 % r. h. (non-condensing)
Delivery	ilumCURE 1G, Systainer (W 26.5 cm, D 17.0 cm, H 7.5 cm), Adaptor (USB 5 V / 1000 mA), Cable USB-A / USB-B, Instruction manual
Available Accessories	Variable collimating lens W (Article no.: 1600000064) Variable collimating lens N (Article no.: 1600000071)

Subject to technical modifications. As per February 2017.

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# ilumCURE 1G

UV light source in quadrosafe

(Art.-Nr.: 1600000041)

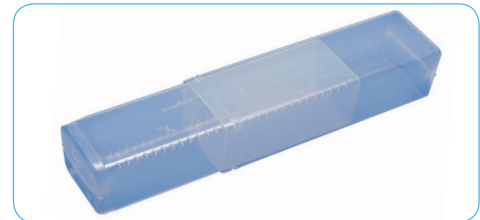
**The UV handheld lighting device ilumCURE 1G by IMM Photonics is an UV light source with a central wavelength of 365 nm. It serves as mobile UV light source for the curing of UV adhesives.**

The ilumCURE 1G features a robust aluminium housing and was especially developed for fieldwork. The integrated lithium ion battery allows up to 3 hours of continuous operation. The ilumCURE 1G can be re-charged (standard charge) with various USB Ports. With the separately sold mains adaptor you can fast charge and / or directly operate the device via an AC power outlet.

Thanks to the high-performance UV LED, the curing of UV adhesives requires only a few seconds of exposure.



ilumCURE 1G



Quadrosafe

## Technical specifications handheld UV nm exposure unit (Article no. 1600000066)

Wavelength	365 nm
Output	250 mW (typ.)
Start-up	Via button on housing
Battery	Li-ion / 3.6 V, 2250 mAh, changeable
Battery safety functions	Over- and undervoltage, overcurrent, excess temperature
Charging time for completely discharged battery	< 4.0 h fast charge < 5.5 h standard charge
Operating time with fully charged battery	3.0 hours
Fast charge	Automatically detected
Chargers	<ul style="list-style-type: none"><li>Fast charge: USB mains adaptor 5 V / 1000 mA</li><li>Standard charge: various USB mains adaptors, PC</li></ul>
Charging indicator (next to USB-B port)	<ul style="list-style-type: none"><li>Red: Charging in progress</li><li>Green: Battery is fully charged</li></ul>
Overall Dimensions	Length 185 mm, max. diameter 27.5 mm
Lighting tip dimensions	Total length of tip 53 mm, diameter 5 mm (along 8 mm)
Weight / Material	Approx. 100 g / full metal housing, anodised aluminium
Operating / storage temperature	+5 °C to +45 °C / -10 °C to +70 °C
Humidity	5 % to 95 % r. h. (non-condensing)
Delivery	ilumCURE 1G, Quadrosafe (L 19 cm, D 4.5 cm, PP, transparent) Cable USB-A to USB-B, Instruction manual
Available Accessories	<ul style="list-style-type: none"><li>Fast charge USB mains adaptor (Article no.: 8900001089)</li><li>Variable collimating lens W (Article no.: 1600000064)</li><li>Variable collimating lens N (Article no.: 1600000071)</li></ul>

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