



UV LED LAMP

Mains and Battery Operated Portable Lamp

KARL DEUTSCH

UV LED LAMP

No UV-B and UV-C, shock- and waterproof



UV LED lamp based on long-lived LED technology



Power supply: 100 - 240 V / 12 V



Pocket-sized rechargeable battery (incl. belt clip) and battery charger: Short charging time of 3.5 hours



Delivery in a handy carrying case

UV LED lamp for fluorescent penetrant and magnetic particle inspection

Features and benefits:

- UV LED technology with long life time of the illuminant
- Runs with 5 high-end LEDs
- Immediately ready to use
- High UV intensity
- Intensity of approx. 65 W/m² (6500 µW/cm²) at a distance of 400 mm
- 120 mm Ø illuminated area (at a distance of 400 mm)
- Very uniform intensity distribution
- Low risk category according to German standard EM 6
- Fulfills the safety standards concerning UV radiation
- Fulfills all standards of the German Society for Non-Destructive Testing (DGZfP) regarding wavelength and intensity
- UV-A radiation at 365 nm wavelength
- No white light
- No filter glasses are required
- No risk by UV-B and UV-C even if the protective cover (perspex) is defective
- Solid aluminium housing, black anodized, small and portable
- Shock- and waterproof
- UV lamp, plugs and cables fulfill IP 65
- Heat flow via housing, without fan
- No replacement of the illuminant due to the extremely long service life of the LED lamp
- LED technology enables a service life of more than 10000 hours
- Increased operational reliability because no high-voltage ignition electronic is necessary
- No filter glasses are required
- No UV-B and UV-C radiation
- Small and compact design

At a glance: Benefits of the LED technology compared to glow-discharge lamps

Technical Data and Ordering Information

Lamp			
Weight / Length (incl. handle)	1.2 kg / 110 mm		
Wavelength	365 nm	UV LED lamp	Order-No. 3815.101
Intensity	65 W/m ² (6500 µW/cm ²)	(incl. mains unit)	
Illuminated area (at a distance of 400 mm)	120 mm Ø		
Rechargeable battery		Rechargeable battery	Order-No. 3815.120
Capacity	2700 mAh / 12V	for UV LED lamp	
Housing size	154 mm x 96 mm		
Weight	375 g	Charger	Order-No. 1808.602
Non-stop operation	2.25 hours	for rechargeable battery	
Charging time	approx. 3.5 hours		

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