

# UV-LED miniSPOT



## Portable Hand-held UV Light

You can count on our durable, cool-running UV (black) lights to maximise your magnetic particle and liquid penetrant inspection process, both on the floor and in the field.

The UV-LED miniSpot is a cost-efficient and long-lasting lamp, with exceptional bulb life and low power consumption compared with traditional UV black lights.

### Features and Benefits

- Compact and lightweight
- Cordless
- Rugged aluminium casing
- Even illumination area
- Separate UV and white light LEDs facilitate both UV and visible light inspection.
- Rechargeable via the mains (supplied with battery pack and charger) or using an optional power bank.



### Specification and Operating Data (in compliance with EN ISO 9934-3 / DGZfP guideline EM-0)

Peak wavelength	365 nm ± 5nm	
Full width at half maximum (FWHM)	< 15 nm	
UV-A intensity	12,000 µW/cm <sup>2</sup> at 100 mm distance 4,500 µW/cm <sup>2</sup> at 200 mm distance	1,500 µW/cm <sup>2</sup> at 380 mm distance 1,300 µW/cm <sup>2</sup> at 400 mm distance
White light intensity	10,000 Lux at 200 mm distance 6000 Lux at 300 mm distance	
Minimum working distance	10 cm	
Illumination area	80 mm diameter at 100 mm distance 150 mm diameter at 200 mm distance	250 mm diameter at 380 mm distance 280 mm diameter at 400 mm distance
Risk class (EM6)	2	
IP class	IP 65	
Number of LEDs	1 UV LED, 1 white-light LED	
UV pass filter	Yes	
Battery type	2 Li-Ion accumulators	
Battery voltage (nominal)	2.4 V	
Battery operating time	integral battery: approx. 2.5 hours integral battery plus optional power bank: approx. 8 hours	
Weight	600 g	
Part number	032B041 / 121202	

The UV-LED miniSpot has been tested in combination with Magnaflux chemical products and approved for standard operational practice. Operation manuals are available on request.

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## Accessories



### Power bank

The power bank is a separate external rechargeable battery that connects to the miniSPOT via a cable. The power bank is designed to extend the battery operating time of the lamp by up to 8 hours, and comes with a suspender belt to carry it during work.

Part number 003B015 / 121206

Battery type	Nickel metal hydride
Nominal voltage	1.2 V
Nominal capacity	2.5 Ah
Nominal energy	3.0 Wh
Weight	600 g



### Power bank charger

Part number 039B003 / 121207

### Power bank connecting cable

Length 1.2 m

Part number 001C170 / 121208



We strongly recommend that all operators wear appropriate eye/face protection while using UV lights.

Product	Part Number
UV safety glasses	017G001 / 124510
UV safety glasses - special design for spectacle wearers (not shown)	124510
Full face protection	124512