

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
- Additional white-light source
- Even illumination area

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 ² at 100 mm distance 4,500 µW/cm ² at 200 mm distance 1,500 µW/cm ² at 380 mm distance 1,300 µW/cm ² 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
Battery operating time	approx. 2.5 hours
Weight	600 g
Part number	121202/032B042 (with battery pack and recharger)



USB stick not included - pictured to show scale.

Accessories

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

- **UV safety glasses** - part number 124510 (we also supply a special design for spectacle wearers)
- **Full face protection** - part number 124512

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