



Together for a safer world

## UV Lights and Accessories



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

Our UV-LED lamps are cost-efficient and long-lasting, with exceptional bulb life and low power consumption compared to traditional UV lights. They all deliver UV outputs with a wavelength of 365 nanometers (nm), the industry standard for NDT inspection.

## EV6000

The EV6000 represents the latest in UV LED technology from Magnaflux. UV-A radiation is generated by special high-performance LEDs and focused through custom-designed optics to provide a beam width of 23cm diameter at 38cm height.

- Wide, uniform beam for faster inspection of large areas.
- Sealed housing and new cooling technology for improved operator and safety.
- Weighs 30% less than a mercury-vapour UV lamp of the same size.
- Rugged and durable design.

For more information, see the Product Data Sheet for this lamp.

### PART NUMBERS

EV6000 with power supply: 628000

EV6000 lamp only: 628001



## ADJUSTABLE MOUNTING BRACKETS FOR EV6000

Our adjustable brackets allow you to mount the EV6000 UV lamp for stable, hands-free inspection. Once mounted, the lamp is fully adjustable, enabling you to position the UV(A) light at the most convenient angle for inspecting all areas of your test part. For more information, see the Product Data Sheet for these brackets.

### PART NUMBERS

MAG bench mounting bracket: 023A008

Table-top mounting bracket: 023A008B

Bracket mounting to the EV6000: 023A008M

## UV-LED 365/30

The UV-LED 365/30 features 30 high-performance UV-LEDs and adjustable UVA intensity, with a maximum of 65 W/m<sup>2</sup> (measured from 400 mm). It has rugged aluminum housing with fixing eyes and benefits from passive cooling (heat transfer by convection). For more information, see the Product Data Sheet for this light.

**PART NUMBER:** 124201 / 032B042



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## Accessories

### UVE-LUX METER

The UVe-Lux is a compact, lightweight and robust meter that accurately measures both UV (black) light and visible (white) light at the same time. Conforms to ISO 3059. For more information, see the Product Data Sheet for this meter.

**PART NUMBER:** 017B012



### LUXMETER

The Luxmeter is a high-resolution instrument to measure the irradiance of daylight sources or the daylight environment. The measurement is made by a sensor connected to the instrument by a flexible cable. Metering range: 0,01...199,99 x 10<sup>3</sup> (automatic switch-over).

**PART NUMBER:** 134056



### J 221 UV INTENSITY METER

The J 221 meter measures the irradiance of UV lights. By attaching the perforation filter, the metering range B (see table below) can be extended to approx. 5000 - 30,000  $\mu\text{W}/\text{cm}^2$ . The sensor can be taken off and can be used for external measurement by wire connection. Metering range A: 0 - 1200, B: 1000 - 6000

**PART NUMBER:** 134001



### EYE PROTECTION

Designed to eliminate long wave UV(A), our eyes shields will protect your eyes during long periods of testing under UV lighting. They also help to reduce eye fatigue and provide an optimum contrast in viewing.

#### PART NUMBERS

Protective spectacles: 017G001:

Protective spectacles designed to fit over normal spectacles: 017G002 / 124510

