

EECIFLUX

UV-LED MPI INSPECTION LAMP

UV-10



EECIFLUX UV-10 is an energy-efficient, long-lifespan rechargeable UV-LED light designed with specific wavelengths and intensity to comply with ASTM E709, E1444, and MPI standards. It is used in Magnetic Particle Inspection (MPI) to illuminate fluorescent particles, making cracks and other defects clearly visible.

KEY FEATURES

- Delivers an intensity of $4500 \mu\text{W}/\text{cm}^2$ at a distance of 15"; (38 cm) with a beam spread of approximately 4.75"; (12cm) in diameter
- Easy switch between ultraviolet and white light
- Rubber handle for improved grip
- Tough aluminium housing with a rugged, modular construction for easy field serviceability
- LED lifespan of over 25,000 hours
- Li-ion rechargeable battery with 6V/2A adapter
- UV-10 can operate while charging



TECHNICAL DATA

Specifications	UV-10
Power Supply	6V/2A adapter
Light Source	One UV LED, One White LED
Wave Length	365nm $\pm$ 5nm
Intensity	>4500 μ W/cm ² @15"; (38 cm)
White Light Intensity	1875Lux (187.5fc)
Beam Area Covered	Dia 120mm
Battery	Li - ion
Battery Run Time	2Hrs/30min
Charging Time	5Hrs
Operating Temperature	0°C to 45°C
Dimensions	135mm x 145mm x 75mm
Weight	470 g
Compliance	ASTM E709, E-1444, ISO 9934

*Dimensions and weight are approximate.

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