

EECIFLUX

UV-10

High-Performance Rechargeable UV-LED Inspection Light



The EECIFLUX UV-10 is a compact, energy-efficient, rechargeable UV-LED light engineered for precision and reliability in Magnetic Particle Inspection (MPI) applications.

Designed to meet stringent industry standards including ASTM E709, E1444, and ISO 9934, this advanced inspection light provides consistent UV illumination to clearly reveal surface defects and cracks.

KEY FEATURES

- **High Intensity UV Output:** Emits over $4500 \mu\text{W}/\text{cm}^2$ at 15 inches (38cm) with a beam diameter of 120 mm (4.75 inches), ensuring excellent visibility of fluorescent indications.
- **Dual Light Modes:** Quick toggle between ultraviolet and white light for enhanced versatility during inspection.
- **Rugged & Serviceable Design:** Constructed with a durable aluminium housing and a rubber grip for improved handling and durability in field conditions. Modular build allows for easy serviceability.
- **Long LED Lifespan:** UV LED provides a lifespan of over 25,000 hours, reducing maintenance and replacement costs.
- **Rechargeable & Portable:** Equipped with a Li-ion battery and 6V/2A adapter. The UV-10 supports operation while charging for uninterrupted inspections.



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