



Product Quality

This product has been manufactured in an ISO9001 facility and has been calibrated during the manufacturing process to meet the stated product specifications.

Safety

- Do not operate if the product has been physically damaged.
- Do not look directly into the light. Always wear the provided UV-absorbing protective glasses when operating flashlight. The best inspection results are achieved in low-light conditions.
- This product is not intended for use in hazardous environments.
- Never use this equipment in any manner not specified in these instructions.
- Never aim the flashlight in the direction of another human being. It is meant for professional fluorescent inspections only!
- Do not attempt to modify the lens assembly or light output. Doing so may alter the performance of this product.

Features

- Designed with specially-made dark filter lens can effectively filter visual light
- Instant-on operation: Lamp reaches full power immediately
- Lightweight and rugged
- Provides 3 hours of continuous inspection
- Charging status indicator light
- IPX7 Rated
- Rechargeable Li-ion battery
- USB-C charging port

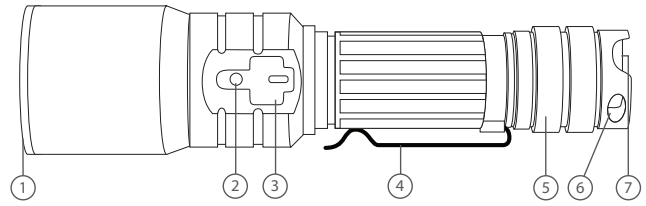
Included

- B2500 NDT Inspection Flashlight
- USB-C cable with power adapter
- Holster
- 2x O-rings
- Safety glasses with storage pouch
- Lanyard
- Hard carrying case

Specifications

Nominal Steady-State UV-A Light Intensity at 6" (15cm):	72,000 μ W/cm ²
Nominal Steady-State UV-A Light Intensity at 15" (38cm):	30,000 μ W/cm ²
UV-A Coverage Diameter at 15" (38cm) at Minimum 1200 μ W/cm ² :	14" (35.5cm)
Light Source:	365nm UV-A LED
Lens:	Special UV dark filter lens
Lamp Style:	Cordless flashlight
Low Battery Indicator:	Yes
Power Requirements:	Rechargeable Li-ion battery
Charging Interface:	USB Type-C Interface
Battery Life:	Approx. 3 hours
Product Certifications:	CE, ROHS, IPX7
Dimensions:	Length: 6.25" (15.9cm) Lamp head diameter: 1.6" (4cm)
Weight:	6.84oz (194g) without battery

Instrument Description



1. UV Lens
2. Power/Battery Indicator Light
3. USB-C Charging Port
4. Pocket/Belt Clip
5. Battery Compartment
6. Lanyard Hole
7. POWER Button

Operating Instructions

Power ON/OFF

Press the POWER button to turn the flashlight ON or OFF.

This UV flashlight is designed for use in dark or semi-dark areas. Allow enough time for your eyes to adjust to the dark environment prior to use. Some substances/materials will fluoresce brighter than others. This reaction is caused by the concentration of fluorescence on the material and varying degrees of brightness of different colors.

1. Turn on the UV Flashlight. The flashlight will reach full intensity at start-up while the battery indicator light will be blue confirming that the flashlight is ready to use.
2. Make sure to wear the provided protective glasses.
3. Scan a general area first to illuminate, and then get closer to investigate and spot any areas of interest.

Battery Charging

The B2500 is equipped with a battery indicator light. When the battery requires recharging, the light will turn RED and when the battery is full, the light will turn GREEN.

1. Connect the B2500 via the included cable to a USB port on your PC or into a wall outlet using a USB Power Adapter to charge the Li-ion battery.

Note: The meter must remain powered off to properly charge via the USB port on your PC.

2. Charge the meter until the battery indicator turns GREEN.

Replacing the O-rings

It is recommended to regularly replace or lubricate the included O-ring and screw thread to ensure a proper seal and smooth tail cap removal.

1. To replace the O-ring, unscrew and remove the tail cap from housing.
2. When removing the O-ring, do not use any tools that may scratch the surface where the O-ring is installed.
3. Discard the old O-ring and clean the area with a wet cloth, drying it with a lint-free cloth to make sure there aren't any particles left behind that could hinder the new ring from sealing.
4. Apply a small amount of lubricant to the new O-ring before installation to ensure the O-ring fits securely.
5. When completed, screw the tail cap back into place.

Applications

- Industrial leak detection
- Small space inspections
- Specialized applications
- NDT