

SPECTROLINE®

OPTIMAX™ 450 Rechargeable, Blue Light LED Inspection Flashlight

(U.S. Patent 5,905,268; other patents pending)

While the importance of high-intensity UV-A black light (365 nm) for proper magnetic particle or fluorescent penetrant NDT inspection is well established, a concern for UV safety has always existed. Our **OPTIMAX™ 450** blue light NDT inspection flashlight addresses this concern. Blue light (450 nm) provides the safety and convenience desired for quick pre-inspection or screening of fluorescent particles in operating conditions with ambient light, saving time and limiting the use of UV light to only when necessary.

Features:

- Nominal steady-state intensity of 7,000 $\mu\text{W}/\text{cm}^2$ at 15 inches (38 cm)
- High-intensity, 450 nm blue light LED with 50,000-hour service life
- Patented, thin-film dichroic lens improves contrast and fluorescent response
- Electronic Intensity Stabilizer ensures consistent performance. Beam strength will not weaken between charges!
- Instant-on operation; lamp reaches full power immediately
- Portable and rugged. Anodized aluminum lamp body minimizes corrosion and stands up to years of heavy use.
- Powered by a rechargeable NiMH battery. Provides 90 minutes of continuous inspection between charges.



The **OPTIMAX™ 450** comes complete with smart AC and DC chargers, yellow contrasting spectacles, belt holster and rugged, padded carrying case. AC charger available in 120V, 230V, 240V and 100V versions.

SPECIFICATIONS

Product Number:	OPX-450
Lamp Style:	Cordless flashlight
Lamp Head Diameter:	2.0 in (5.1 cm)
Length:	8.0 in (20.3 cm)
Weight (with battery):	11.8 oz (335 g)
Power requirement:	3.6V, 2AH NiMH internal battery stick (rechargeable)
Run Time:	90 minutes (continuous)
Charge Time:	4 hours



**SPECTRONICS
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