

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.

- 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.



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