

SPECTROLINE®

EK-3000 **EAGLE™** **EYE™**

UV-A/White Light LED Inspection Kit

(U.S. patent: 8,616,722; CN patent ZL201010265212.4)

**A New Palm-Sized, Cool-Running,
Hands-Free Light Source!**

**Ideal for fluorescent magnetic particle and
penetrant testing, mining inspection and
a variety of other specialized applications!**

Features

- Compact, lightweight lamp with two ultra-high intensity UV-A (365 nm) LEDs for inspection, plus a three-LED white light assembly for general illumination
- Adjustable strap allows lamp to be worn on a hard hat or directly on the head for hands-free operation
- Unique lamp mount/sprayer attachment permits lamp and spray can to be mounted together for convenient, single-handed fluorescent yoke inspection
- Built-in fan keeps lamp cool to maintain optimum UV-A intensity during extended use
- Splash guard with integral particulate filter protects UV lenses and cooling fan from damage
- 100,000-hour LED service life
- Powered by a rechargeable lithium-ion battery (included). Provides up to 75 minutes of continuous inspection between charges.



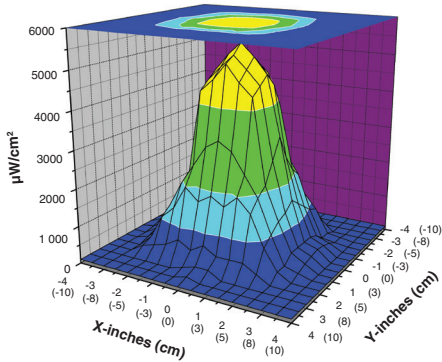
Spray and inspect
in one simple step!



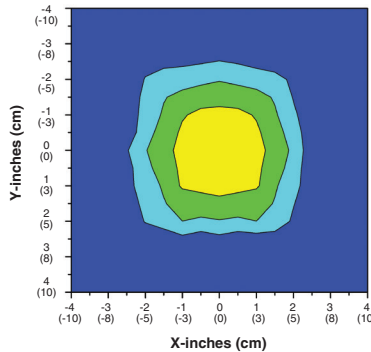
EK-3000 **EAGLE EYE™**

UV-A/White Light LED Inspection Kit

This versatile kit features the EagleEye lamp, a powerful, palm-sized unit with two ultra-high intensity UV-A (365 nm) LEDs for inspection, plus a three-LED white light assembly for illumination in dark workspaces. An adjustable strap allows the lightweight lamp to be worn on a hard hat or directly on the head! This kit is perfect for fluorescent magnetic particle and penetrant testing, mining inspection and countless other “hands-free” inspection applications!



Surface Contour Profile at 15 in (38 cm)



Top Intensity Profile at 15 in (38 cm)



The EK-3000 EagleEye™ Kit also comes with a lanyard, two replacement splash guards with integral particulate filters, two spare rechargeable batteries, battery charging cradle with AC and DC cord sets, UV-absorbing spectacles and soft carrying case.

REPLACEMENT PARTS

EE-365	UV-A/white light LED lamp	128225	DC cord set for 128217
LMS-100	Lamp mount/sprayer	127568	Lithium-ion battery (rechargeable)
HS-100	Head strap	UVS-30	UV-absorbing spectacles
SG-100	Splash guard with integral particulate filter (set of three)	UL-100	UV lens
128217	Battery charging cradle with AC cord set	CC-370A	Soft carrying case

LAMP SPECIFICATIONS

Product Number:

EE-365

Light Sources:

2 UV LEDs, 3 white light LEDs

Dimensions:

Length 3.75 in (9.5 cm)

Width 2.25 in (5.7 cm)

Height 1.85 in (4.7 cm)

Weight with battery: 8 oz (227 g)

Power requirement:

One 3.7V 2200mA/Hr lithium-ion battery (rechargeable)

Run time:

75 minutes (continuous)

Charge time:

4 hours (two batteries)

Charging cradle:

Two-battery capability with AC and DC cord sets. AC cord set available in 120V, 230V, 240V and 100V versions.

Nominal steady-state UV-A (365 nm) intensity:

6 in (15 cm) — 20,000 $\mu\text{W}/\text{cm}^2$

15 in (38 cm) — 4,500 $\mu\text{W}/\text{cm}^2$

24 in (61 cm) — 2,000 $\mu\text{W}/\text{cm}^2$

36 in (91 cm) — 1,000 $\mu\text{W}/\text{cm}^2$

NOTE: All UV-A intensity readings taken with a Spectroline® AccuMAX™ Series meter

