

EagleEye 3000

SPECTROLINE®

EK-3000 **EAGLE EYE™** UV-A/White Light LED Inspection Kit (U.S. and foreign patents pending)

**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
- 30,000-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!



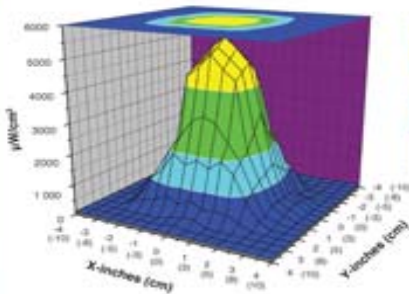
**SPECTRONICS
CORPORATION**

**ISO 9001:2008
CERTIFIED COMPANY**

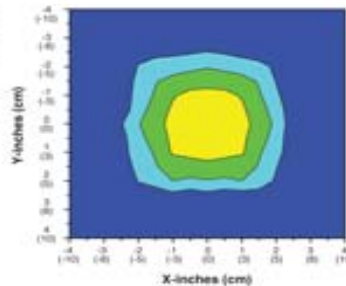
EK-3000 **EAGLE EYE™**

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 work-spaces. 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)

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:
2 hours (one battery)
8 hours (four batteries)

Charging cradle:
Four-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



The EK-3000 EagleEye™ Kit also comes with a lanyard, two replacement splash guards with integral particulate filters, three spare 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	RB-365DC	DC cord set for BCC-100
LMS-100	Lamp mount/sprayer	127160	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
BCC-100	Battery charging cradle	CC-370A	Soft carrying case
RB-365	AC cord set for BCC-100		

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