# SPER SCIENTIFIC

# **UV LIGHT PEN - 330005**

UV Light Pen uses new solid state LED technology to offer a portable source of UV light built into a slim attractive pen. This new technology has a number of significant advantages over older products using UV fluorescent tubes and light bulbs. A more compact, rugged, and easily portable product, perfect for field work. The 400 nm output is just on the edge of the visible light spectrum, low enough to cause fluorescence yet inherently safer than lower UV wavelengths. Immediate output, no warm up time.

**Instructions:** Aim the UV light then press the button on shaft. Twist the pen cap to engage or retract the ball-point writing tip. Refill ink cartridges (330005IR) are available from Sper Scientific.

**Batteries:** Unscrew the pen to install the four LR41 button cell batteries with the negative (-) poles facing the lighted end of the pen.

## Specifications:

Light source: High intensity InGaN LEDWavelength: Peak: 400, min: 390, max: 410

Output Power: 12,000 mW/M2
Optical Rise Time: 30 t, ns. Typical
Operating Temperature: -4 ~ 176°F

Weight: 7 oz / 21 g

• Length: 5"

· CE compliant, ISO 9001

**Precautions:** Protect your pen from water, shock, dust, heat and sunlight. UV light can be harmful to the eyes and skin. Avoid exposure to the beam and do not look directly into the light. Do not aim the light at the eyes of other humans or animals. Do not aim the light into a mirror or reflective surface where the light could be reflected back into your eyes.

### **WARRANTY**

Sper Scientific warrants this product against defects in materials and workmanship for a period of 5 Years from the date of purchase, and agrees to repair or replace any defective unit without charge. If your model has since been discontinued, an equivalent Sper Scientific product will be substituted if available. This warranty does not cover damage resulting from accident, misuse, or abuse of the product. In order to obtain warranty service, ship the unit postage prepaid to:

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7720 E. Redfield Ste 7, Scottsdale, AZ 85260

web: www.sperscientific.com email: info@sperscientific.com

Please Note: The defective unit must be accompanied by a description of the problem and your return address. Please register your product online or return your warranty card within ten (10) days of purchase.

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