

SPER SCIENTIFIC

Environmental Measurement Instruments

UV Light Pen - 330005

Instruction Manual

WARRANTY

Sper Scientific warrants this product against defects in materials and workmanship for a period of **five (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 probes, batteries, battery leakage, or damage resulting from accident, tampering, misuse, or abuse of the product. Opening the meter to expose its electronics will break the waterproof seal and void the warranty. To obtain warranty service, ship the unit postage prepaid to:

SPER SCIENTIFIC LTD.

8281 E. Evans Rd., Suite #103
Scottsdale, AZ 85260
(480) 948-4448

The defective unit must be accompanied by a description of the problem and your return address. Register your product online at www.sperwarranty.com within 10 days of purchase.

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UV Light Pen - 330005

Introduction: The Sper Scientific UV Light Pen uses new LED technology to offer portable source of UV light built into a slim attractive pen. The 400 (\pm 10) nm output is just on the edge of the visible light spectrum, low enough to cause fluorescence yet inherently safer than lower UV wavelengths.

Measurement Procedures: Aim the UV light at the target, then press the button on the pen to emit UV light. Twist the pen cap to engage or retract the ball-point pen. Refill ink cartridges (330005IR) are available from Sper Scientific.

Battery Replacement: Unscrew the pen. Install the four LR41 button cell batteries with the positive poles (+) facing the pen tip.

Specifications:

Light source: High intensity InGaN LED

Wavelength: 400 \pm 10 nm

Output Power: Luminous Intensity Max. 380 mcd (Milli-candela)

Operating Temperature: -30 to 80°C

Dimensions: \varnothing 11.5 x 130 mm

Weight: 31.5 g

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. Keep this pen away from children. Do not leave the pen exposed to sunshine.