

SURVEY METER

Easy contamination monitoring of bench-tops, clothing and hands



- *Monitors alpha, beta, and gamma*
- *Built-in pancake detector*
- *Range: 0 to 50,000 cpm, 0 to 15 mR/hr*
- *Three multiplier ranges: x1, x10, x100*
- *Built-in speaker*
- *Anti-saturation circuit prevents false "zero" readings*
- *One-handed operation*

This compact 3-range surface rate meter is equipped with an internal 2-inch diameter pancake GM detector and built-in speaker. The detector's thin window is recessed and protected by an aluminum grill. Its small size, light weight, and one-hand operation make this unit an ideal tool for surveying bench tops and other surfaces, and for checking hands and clothing for radioactive contamination. The meter face reads in both cpm and mR/h. Anti-saturation circuitry keeps meter needle at full scale in high radiation fields.

SPECIFICATIONS:

Meter Dial: 2.5" (6 cm) rectangular

Ranges: 3, linear: 0-500; 0-5,000; 0-50,000 cpm
(0-0.15; 0-1.5; 0-15 mR/h)

Switch Positions: Off, Battery Test, X100, X10, X1

Audio: Internal speaker

Detector: Halogen-quenched pancake GM tube

Diameter: 2" (5 cm)

Window Diameter: 1.75" (4.5 cm)

Window Thickness: 1.5 mg/cm²

Background: Typical 50 cpm

Efficiency: 100% for all betas and alphas that have the energy to penetrate the thin window

Gamma Sensitivity: nominal is 150 cpm/mR/h
(based on Cs 137)

Voltage: 900V nominal

Current Drain: 3 mA typical

Power: 9-volt battery (Eveready 1222 carbon, E146X mercury, or equivalent)

Battery Life: Typically 100 hours under normal operation

Feet: Neoprene feet for placement on surface without contaminating bottom surface of unit

Handle: Swivel type, polished anodized aluminum

Dimensions: 3" w x 5.25" l x 2.25" h (8 x 13 x 6 cm)
excluding meter and handle

Weight: 22 oz (625 g)

069-310 Survey Meter, Surface \$695.00

Prices subject to change without notice.

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