

# Model 6 Geiger Counter



Ludlum Measurements, Inc.



Part No: 48-1676

**INTENDED USE:** Measuring gamma exposure rates, Radiographers survey

**MEASUREMENT RANGE:** 0 - 10 Sv/hr (0 - 1000 mR/hr)

**DETECTOR:** Energy compensated GM, housed inside of instrument enclosure

**ENERGY RESPONSE:** Within 15% of true value from 60 keV - 3 MeV

**METER:** Analog dial: 0 - 10 mR/hr, BAT TEST

**OPERATOR CONTROLS:** A single 5 position rotary knob with multiplier ranges for X1, X10, X100; Battery Test, and Instrument Off

**CALIBRATION CONTROLS:** Internal

**OVERLOAD PROTECTION:** Yes

**POWER:** 2 each "D" cell batteries (housed in sealed compartment that is externally accessible)

**BATTERY LIFE:** Typically 600 hours with alkaline batteries

**CONSTRUCTION:** Cast and drawn aluminum with beige powder-coat

**WORKING ENVIRONMENT:** Splashproof for outdoor use

**TEMPERATURE RANGE:** -30 °C to 50 °C (-22 °F to 122 °F)

**SIZE:** 16.5 x 8.9 x 21.6 cm (6.5 x 3.5 x 8.5 in.) (H x W x L)

**WEIGHT:** 1.6 kg (3.5 lb) including batteries