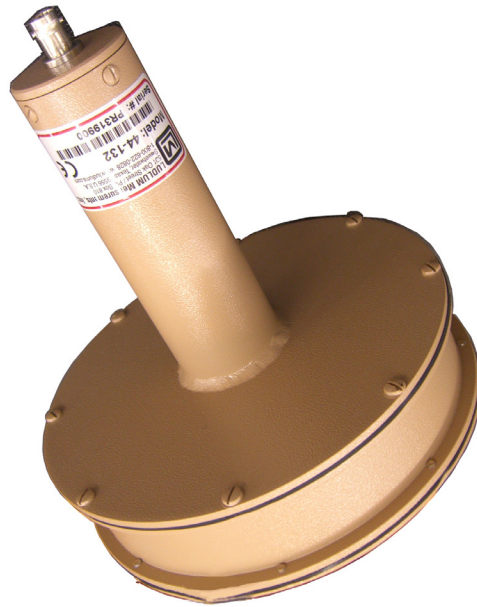


# Model 44-132

## Gamma Scintillator Detector



Ludlum Measurements, Inc.



### Specifications

Part Number: 47-3074

**INDICATED USE:** Gamma survey

**DETECTOR:** EJ-212 plastic scintillator, 14.6 cm (5.75 in.) diameter x 2.5 cm (1 in.) thick

**SENSITIVITY (<sup>137</sup>Cs gamma):** Typically 1500 cpm per  $\mu$ R/hr

**RECOMMENDED ENERGY RANGE:** 60 keV to 2 MeV gamma

**BACKGROUND:**  $\leq$  10,000 cpm in a 10  $\mu$ R/hr field

**PHOTOMULTIPLIER TUBE:** 2.9 cm (1.125 in.) diameter; magnetically shielded

**OPERATING VOLTAGE:** Typically 700 to 1100 Vdc

**CONSTRUCTION:** Aluminum housing with beige powder-coat

**CONNECTOR:** Series "BNC" (others available)

**SIZE (D x L):** 16.8 x 21.6 cm (6.64 x 8.5 in.)

**WEIGHT:** 1.21 kg (2.66 lb)

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Note: specifications subject to change without notification. We are not responsible for errors or omissions.

Jan 2018