

NEW

Wide Range **TelePole** (W.R.) 0.5 μ Sv/h to 10Sv/h

GM Meter on an Extendible Pole
micro-processor based, SMARTS
compatible, wide range meter




Description

The **TelePole** is a gamma meter, mounted on a telescopic pole, designed to obtain readings in a wide range of fields. Measurements are performed by two GM tubes located at the pole's end or by an internal detector. The four-segment sturdy pole extends to eleven feet long and collapses to three and a half feet.

The **TelePole** is used as a stand-alone instrument, or integrated into systems, using existing equipment and software.

The **TelePole** includes a built-in data memory, data downloading capability, and optional laser bar-code scanner, for use with the SMARTS survey mapping system.

Features

- Wide measuring range
- Rugged
- Light-weight
- Low cost, instrument and spare parts
- Communication capability
- Alarm thresholds
- "DigiLog" - combined digital and analog display
- Display back-light
- Optional internal detector
- External DC supply connection
- External headphone connection
-  marked.

Applications

- Supports ALARA principles by allowing operators to obtain readings as much as eleven feet away from high radiation fields.
- Survey instrument, either with simple data storage, or SMARTS compatible.
- Real-time dose rate monitoring by connection to MGPI WRM transmitter system.
- Readings of hard-to-reach areas (i.e. vehicle surveys, elevated piping, etc.).

Technical Data

Remote detector		GM tube ZP-1301 + ZP1201 (or equivalent)
Internal detector (optional)		GM tube ZP-1201 (or equivalent)
Measuring range	Remote detector	0.05 mR/h to 1000R/h (0.5 μ Sv/h to 10 Sv/h)
	Internal detector	0.05 mR/h to 1000 mR/h (0.5 μ Sv/h to 10 mSv/h)
Accuracy		± 10 % of reading, within the measuring range
Energy response		± 20 % at 70 keV to 2 MeV related to ^{137}Cs
Sensitivity (^{137}Cs)	Remote detector	Approx. 0.3 cps/mR/h (low range) 17 cps/mR/h (high range)
	Internal detector	Approx. 17 cps/mR/h
Data logging		380 data records (1550 with extended memory)
Display		DigiLog (3 digits and 2 decades of analog bargraph)
Power source		Two 1.5 Volt C-type alkaline cells, 70 hours of continuous operation (30% less if back light is kept on continuously)
Temperature range		Operation: -10°C to $+50^{\circ}\text{C}$ (15°F to 122°F) Storage: -20°C to $+60^{\circ}\text{C}$ (-5°F to 140°F)
Humidity range		10% to 95% RH (non condensing)
Casing		Black anodized aluminum
Dimensions		Width: 93 mm (3.7") Length: 148 mm (5.8") Height: 56 mm (2.2") Length: 226 mm (8.9") Diameter: 33 mm (1.3") Extended: Up to 337 cm (11 ft) Collapsed: Down to 107 cm (3.5 ft)
	Meter	680 gr (1.5 lbs) 175 gr (0.39 lbs)
	Probe head	1200 gr (2.7 lbs)
	Pole length	2055 gr (7.29 lbs)
Weight	Meter	
	Probe	
	Pole	
Meter probe connection	Total	Standard phone cable
Ordering #		
TelePole WR with internal detector		4-0027-35
TelePole WR without internal detector		4-0027-30
Meter WR with internal detector		4-0027-33
Meter WR without internal detector		4-0027-31
Probe WR		4-0027-32
Pole		4-0027-13

ROTEM INDUSTRIES reserves the right to change specifications without advance notice



Further enquiries are encouraged. Please write to the address below, or call direct:

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