

# TelePole

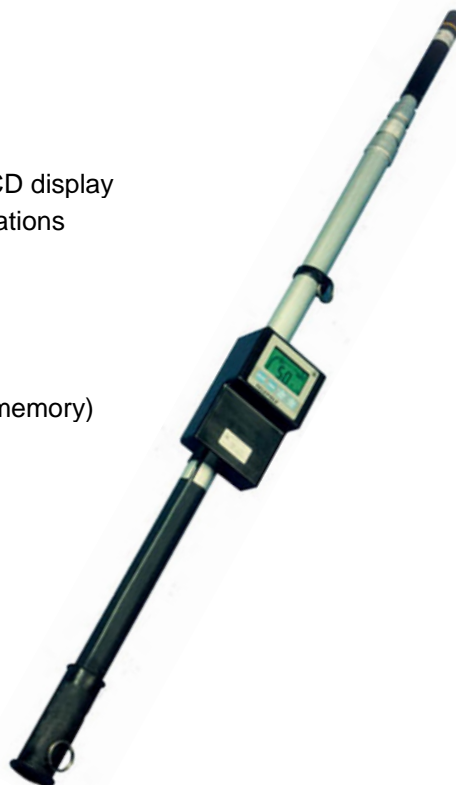
## Telescoping Gamma Survey Meter



The **TelePole** is a gamma survey meter, with the detector mounted on an extendable pole designed for monitoring less accessible areas or providing "safe distance" operation. The four segment telescopic pole extends to 11 feet (337cm) and collapses to 3.5 feet (107cm) with the detector mounted at the pole end. There are two detector configurations available. The WR (wide range) provides measurements over the range of 50 $\mu$ R/hr - 1000R/hr (0.5 $\mu$ Sv/hr to 10Sv/hr), while the HR (high range) covers 5mR/hr - 1000R/hr (50 $\mu$ Sv/hr to 10Sv/hr). An optional internal detector is also available. TelePole features a 380 record data memory that can be downloaded to a PC using the new RMV Software Package. An optional barcode reader is also available which makes TelePole fully compatible with the SMARTS radiation survey mapping and tracking system.

## FEATURES

- Rugged, lightweight construction (~2Kg)
- Digilog, continuous ranging, combined digital and analog, LCD display
- External detectors for either wide range or high range applications
- Optional internal detector
- Readout of dose rate and accumulated dose
- Units of either mR or  $\mu$ Sv
- Programmable alarm thresholds
- Data memory for 380 records (1550 with optional extended memory)
- Compatible with RMV software for pc data downloads
- Smart software provides fast, yet stable \_\_response
- Dead time correction
- Alarms for detector overflow, low battery and detector failure
- Automatic self diagnostic routines
- External headphone connection.



## TECHNICAL SPECIFICATIONS:

### Radiological Characteristics

- Measuring Range:
  - (WR) 50 $\mu$ R/hr - 1000R/hr (0.5 $\mu$ Sv/hr to 10Sv/hr)
  - (HR) 5mR/hr - 1000R/hr (50 $\mu$ Sv/hr to 10Sv/hr)
  - Internal 0.05mR/hr to 1R/hr (0.5 $\mu$ Sv/hr to 999mSv/hr), Mounted within electronic Control Unit (Optional)
- Sensitivity: 0.3 cps/mR/hr (<sup>137</sup>Cs)
- Accuracy:  $\pm$ 10% of reading within measuring range
- Data Logging: 380 Records (up to 1550 records with extended memory)
- Units: mR and mR/hr or  $\mu$ Sv and  $\mu$ Sv/hr

### Electrical Characteristics

- Power Source: Two (2) 1.5V alkaline 'C' cells - provides approximately 70 hours continuous use (without backlighting). Automatic battery check under full load.

### Mechanical Characteristics

- Display: Large, three digit and two decade backlit LCD readout. Continuous ranging, for display of accumulated dose, dose rate, alarm threshold value, overflow, low battery, and detector failure
- Controls: Four key keypad with positive feedback. Key combinations for programming operating parameters.
- Dimensions:
  - Meter: 3.7" x 5.8" x 2.2" (93mmW x 148mmL x 56mmH)
  - Probe Head: 5.9" x 1" (150mmL x 25mmD)
  - Pole Length: 11ft (337cm) extended, 3.5ft (107cm) collapsed
- Weight:
  - Meter: 1.5 lbs (680g), Probe: 110g (0.25lbs), Pole: 1.2Kg (2.7lbs)
- Case: Black anodized aluminum

### Environmental Characteristics

- Temperature Range:
  - Operation 15°F to 122°F (-10°C to +50°C)
  - Storage -5°F to 140°F (-20°C to +60°C)
- Humidity Range 40% to 95% RH (non condensing)



TELEPOLE with Optional Integrated  
WRM2 Transmitter

