



TELESCOPIC METER SET

Mirion Telescopic Meter consists of RDS-31 Multi-purpose Survey Meter and a telescopic pole. The pole material is laminated glass fiber which can be decontaminated with any commercially available decontamination solution.

The pole sections can be locked to any desired length with the quick locking levers.

The meter can be configured for dual display function, thus the user can simultaneously follow the dose rates from both internal and external detector. Alarm levels can be set separately for both detectors for enhanced user safety. The histogram function of the RDS-31 stores data from both detectors simultaneously. Histogram function can also be configured to store data only if any of the alarm levels are exceeded.

Mirion offering for external detectors cover a wide application and dose rate range.

The RDS-31 meter can easily be dismounted from the telepole for standard radiation protection applications. Special pole colors and lengths available upon request.



health physics

A Mirion Technologies Division

Featuring:

RADOS

- Telescope pole, glass fiber laminated tube, length extended 3,74 m, length retracted 1.285 m
- Tube diameter 44 mm max/23 mm min, divided in four sections approx. 1 m each, equipped with quick locking levers, each section can be locked into any position from 0 to 1 m.
- Weight 2,4 kg without RDS-31 meter without external gamma probe
- Total weight with RDS-31 meter 2,6 kg
- Retractable spiral cord runs inside the pole; max. extended length up to 5 m
- RDS-31 measuring range with internal detector:
 - Dose rate ($H^*(10)$) 0,01 uSv/h to 100 mSv/h
 - Accumulated Dose ($H^*(10)$) 0,01 uSv to 10 Sv

Applicable External Probe Types:

GMP-12L-3 External Gamma Probe

- Single GM detector
- Measuring range: 0.05 uSv/h-100 mSv/h
- Energy range: 50 keV - 1.3 MeV

GMP-12H-3 External Gamma Probe

- Single GM detector
- Measuring range: 10 uSv/h - 10 Sv/h
- Energy range: 80 keV - 1.5 MeV

GMP-12-3 External Gamma Probe

- Dual GM detectors
- Measuring range: 0.05 uSv/h-10 Sv/h)
- Energy range: 50 keV - 3 MeV

GMP-12SD External Gamma Probe

- Silicon PIN diode detector
- Measuring range: 10 uSv/h-10 Sv/h
- Energy range: 60 keV - 6 MeV

GMP-12UW External Gamma Probe

- Silicon PIN diode detector
- Measuring range: 10 uSv/h - 10 Sv/h
- Energy range: 60 keV - 6 MeV
- Enclosure Class IP 68; immersion proof up to 30 m depth

NOTE: SINCE NORMS, SPECIFICATIONS AND DESIGNS ARE SUBJECT TO CHANGE, PLEASE ASK FOR CONFIRMATION OF THE INFORMATION GIVEN IN THIS PUBLICATION



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