



GMP-11-15

External Probes

- α , β , γ rays • a complete range of smart probes to enhance the detection capabilities of the survey meters
- compatible with RADOS RDS-110 & RDS-200 meters
- converts the meter into contamination monitor
- sensitive for low levels of alpha, beta and gamma radiation
- for general contamination and frisking

These probes have been specifically designed to fulfill both the civil defense and industrial applications requirements.

GMP-11 External Beta Probe

- radiation detected: gamma-, beta- and alpha-rays
- energy range: gamma > 5 keV, beta_{max} > 100 keV, and alpha > 2 MeV
- detector type: halogen quenched GM tube (type ZP 1430 or equivalent)
- measurement range: 0 - 10 000 cps
- end window active area: 6.1 cm²
- window thickness: 1.5 - 2 mg/cm²
- sensitivity: 1.0 cps for uniform ⁹⁰Sr/⁹⁰Y source of 0.37 Bq/cm²
- max dead time: 230 μs
- self count rate: 25 cpm

- connections: 6 pin lockable connector
 - retractable cord, length 450 mm - 2000 mm (17.71 in - 78.7 in)
- compatible with: RADOS Survey Meters: RDS-110, RDS-120, and RDS-200

- temperature range:
 - operation: -25°C to +55°C (-13°F to +131°F)
 - storage: -40°C to +70°C (-40°F to +158°F)
- humidity: 0 - 95% relative humidity, non-condensing
- casing: anodized aluminium
- dimensions:
 - length 140 mm (5.51 in), max diameter 44 mm (1.73 in) (two co-centric cylinders)
- weight: 340 g (0.75 lb)

GMP-15 External «Pancake» Beta Probe

- radiation detected: Gamma-, beta- and alpha-rays
- energy range: Gamma > 5 keV, beta_{max} > 100 keV, and alpha > 2 MeV
- detector type: halogen quenched GM tube (type 7312 or equivalent)
- measurement range: 0 - 10 000 cps
- end window active area: 15.5 cm² (2.4 in²)
- window thickness: 1.5 - 2 mg/cm²
- sensitivity: 2.8 cps for uniform ⁹⁰Sr/⁹⁰Y source of 0.37 Bq/cm²
- max dead time: 40 μs
- self count rate: 30 cpm

- connections:
 - 6-pin lockable connector
 - retractable cord, length 800 mm - 2500 mm (31.50 in - 98.42 in)
- compatible with: RADOS Survey Meters: RDS-110, RDS-120, and RDS-200

- temperature range:
 - operation: -25°C to +55°C (-13°F to +131°F)
 - storage: -40°C to +70°C (-40°F to +158°F)
- humidity: 0 - 95% relative humidity, non-condensing
- casing: anodized aluminium and stainless steel
- dimensions: 61 x 80 x 20 mm (2.4 x 3.14 x 0.78 in) detector part + 200 mm (7.87 in) shaft, max diam. 32mm (1.25 in)
- weight: 540 g (1.19 lb)

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