

1. Teletector

Technical Specification for Extendable Telescopic Arm type High Range Radiation survey meter:-

1.	Radiation Detected	Beta (β) & Gamma (γ) Radiation
2.	Detectors	2 Nos. GM Detectors Low Range GM Tube: Range 1 μ Sv/h to 2.5 mSv/h (0.1mR/hr to 250 mR/h) High Range GM Tube: Range 0.5 mSv/h -9.99 Sv/h (0.05 R/hr to 999 R/h)
3.	Dose Rate Measurement Range	Two GM tubes to cover dose rate ranging from 0-9.99 Sv/h (0-999 R/hr). Range selection shall be automatic and switching among the two GM tubes shall also be automatic.
4.	Instrument Dimension Front Panel	Width 12 to 20 cms Height 8 to 12 cms Telescopic extension up to 04 meters
5.	Telescopic Arm	<ul style="list-style-type: none"> i. Telescopic arm shall be made of stainless steel with two GM tubes (detectors/probe) mounted at the end of the telescopic arm. ii. The telescopic arm shall be continuously extendable (without lock/unlock mechanism) up to approximately 400 cm or more. iii. The telescopic arm shall be rigid even when fully extended. iv. Approx. Telescope Length in (retracted position): 95-100 cm
6.	Instrument Housing	Aluminium Casting, perfectly sealed with no gaps
7.	Response Time	2 Second approximately.
8.	Energy Response	65 KeV to 1.4 MeV
9.	Accuracy	$\pm 15\%$ above 1 μ Sv/h (0.1 mR/h) with Co-60 source
10.	Display	Digital 4 digit LCD (0.5") (illuminated) or Analogue Meter in 5 (five) scales with vibration and shock resistance.
11.	Batteries	AA 1.5 Volts or size R14 Alkaline Cells
12.	Low Battery Indication	Low Battery indication should be available
13.	Weight	Up to 3 Kg
14.	Temperature	-20°C + 50°C
15.	Accessories	4 m PVC sleeve, and manual of the instruments
16.	Calibration certificate	Calibration certificate from an accredited agency
17.	Warranty	One Year from the date of delivery at Metro Cities
18.	Spare & service support	Assured supply of Spare and maintenance for ten years
19.	Carry case	Injection moulded plastic case with customised moulding

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