



GSM-503

## Gamma Survey Meter



An excellent survey meter for high range gamma monitoring. This digital instrument has an analog display that automatically chooses the correct range with no user intervention required. Internal energy compensated GM tube gives excellent response for dose measurements up to 10R/hour.

### SPECIFICATIONS

Input Sensitivity	0.050v
External CPM/Dose Switch	External Switch selects CPM mode or Dose Linearized mode for the probe selected
Ranges	0-10, 0-100, 0-1,000, 0-10,000 mR/HR 0-500, 0-5,000, 0-50,000, & 0-500,000 CPM
Calibration Controls	Each probe & range has separate non-interacting controls
Diagnostics	HV Out of Range, Battery Low, Probe Over-range
Range Adjustment	Auto-ranging
Electrical Non-Linearity	±5% of Full Scale
Response Time	Optimized for Each Range
Drift	< 5%
Audio	On-Off Front Panel Switch, water and solvent resistant
Environmental	-20°F (-28°C)-140°F (60°C)   5-95% RH
High Voltage	Adjustable 300-1500 VDC   Regulation ±1%
Low Voltage	+5 VDC & -5 VDC Regulation ±0.5%
Battery	6 "AA" Alkaline--400 hours nominal
Meter	3.5" Scale, Ruggedized Meter, Movement Calibrated 0-500, 0-10, Linearity ±3%
Circuitry	100% Digital Microprocessor Controlled w/Analog Readout
Dimensions	5.25" (14cm) H X 4" (10cm) W X 7" (18cm) L
Weight	2.5lbs. (1.2 Kilos)
Probes	Energy Compensated GM 0-2,000 mR/hr
Probe Energy Response	50 keV-2MeV Gamma

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