



GSM-501

## Micro-R Meter



Internal 1 x1 tissue-equivalent plastic scintillator gives much better dose response than other Micro-R Meters. This is a microprocessor controlled digital instrument with an analog display that automatically chooses the correct range with no user intervention required. Beta window on front of the instrument.

### SPECIFICATIONS

Input Sensitivity	0.050v
External CPM/Dose Switch	External Switch selects CPM mode or Dose Linearized mode for the probe selected
Ranges	0-5, 0-50, 0-500, 0-5000 Micro R
Calibration Controls	Each probe & range has separate non-interacting controls
Diagnostics	HV Out of Range, Battery Low, Probe Over-range
Range Adjustment	Auto-ranging LED Range Indicators in Meter Face
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 300-1300 VDC   Regulation ±1%
Low Voltage	+5 VDC Regulation ±0.5%
Battery	6 "AA" Alkaline--400 hours nominal
Meter	3.5" Scale   Ruggedized Meter W/LED Range Indicators in Meter Face   Linearity ±3%
Circuitry	Digital Microprocessor Controlled w/Analog Readout
Dimensions	5.5" (14cm) H X 4" (10cm) W X 7" (18cm) L
Weight	2.5lbs. (1.2 Kilos)
Probes	Internal 1X1 Plastic Tissue Equivalent Scintillator
Probe Operating Voltage	900 vdc
Probe Energy Response	40 keV-2MeV Gamma Based on Cs137=1 (non compensated)