

JOHNSON

GSM-500

Auto-Ranging Survey Meter

This microprocessor-controlled instrument represents the new gold standard of survey instruments. The GSM-500 is a digital instrument with an analog display that automatically chooses the correct range with no user intervention required. Comes standard with timed-count capability, alarm setpoints and probe -saturation and other error indicators.



Specifications

Input Sensitivity	0.050v
External CPM/Dose Switch	External Switch selects CPM mode or Dose Linearized mode for the probe selected
Four Linear Ranges (other scales available)	0-0.2 0-2 0-20 0-200 mR/HR 0-500 0-5,000 0-50,000 0-500,000 CPM Other Ranges Available
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 0-0.2 Linearity ±3%
Circuitry	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	Supports All Johnson Probes
Probe Energy Response	Depends on Probe Selected

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