

# JOHNSON

## GSM-525

### Dual Detector Survey Meter



The GSM-525 is a double digital instrument with an analog display that automatically chooses the correct range with no user intervention required. Has separate HV for each detector as well as separate calibrations. Unlike other dual detector instruments, the 525 is able to have both detectors connected at the same time. 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
Ranges-Probe 1-Autoranging	0-.2, 0-20, 0-200, & 0-2,000 mR/hr-4 Ranges
Ranges-Probe 2-Autoranging	0-.2, 0-2, 0-20, & 0-200 mR/H-4 Ranges 0-500, 0-5,000, 50,000, & 500,000 CPM-4 Ranges Other Ranges Available, Supports 7 Probes
Integrate Option	5 preset time, 0-1, 5, 10, 30, & 60 seconds
Alarm Option	1-100% of full scale-each probe
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)
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	High Torque, 3.5" with LED indicators in face for range, probe saturation, HV out of range & low battery
Circuitry	100% Digital Microprocessor Controlled
Dimensions	5.5" (14cm) H X 4" (10cm) W X 7" (18cm) L
Weight	2.5lbs. (1.2 Kilos) with batteries
Probes	Each input will support all Johnson probes