The GSM-506 is the ultimate survey meter for those looking for the simplicity of a contained detector system, with the luxury of an external probe capability for those special measurement applications. The external probe can fit any application as the GSM-506 is completely interchangeable with any Johnson Instrument Probe.

- **Auto-Ranging Display**
- **Internal GM Detector**
- **Optional External Detector (CPM or mR/h)**

### Input Sensitivity
0.050V

### External CPM/Dose Switch
External Switch selects CPM mode or Dose Linearized mode for the probe selected

### Ranges - Internal - Auto-Ranging
- 0-2 | 0-20 | 0-200 | 0-2000 mR/H - 4 Ranges

### Ranges - External - Auto-Ranging
- 0-2 | 0-20 | 0-200 | 0-2000 mR/H - 4 Ranges
- 0-500 | 0-5000 | 0-50,000 | 0-500,000 CPM - 4 Ranges

### Calibration Controls
Each mode & range has separate non-interacting controls

### MEETS NUCLEAR MEDICINE REQUIREMENTS

### 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 IPX4 Housing

### 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 High Torque, 3.5" w/LED indicators in face for range probe saturation, HV out of range and low battery

### Circuitry
100% Digital Microprocessor Controlled

### Dimensions
5.25" (14cm) H x 4" (10cm) W x 7" (18cm) L

### Weight
2.5 lbs. (1.2 Kilos)

### Probes
Internal - Energy Compensated GM 0-2000 mR/hr, 550 vdc
External - Supports all Johnson Probes
Standard Product Warranty

At WB Johnson Instruments, we stand behind our products. We guarantee your satisfaction in the quality of our instruments by providing a complete one year warranty covering any defect of workmanship, material, and/or design. If our products do not perform, we will provide complete repair and/or replacement.

Calibration & Repair Services

The proper maintenance & calibration of your instruments is critical to ensure proper performance & accuracy. This is why every WB Johnson instrument is provided with a NIST Traceable Calibration Certificate with ISO 17025 Accredited Certification.

This high level calibration provides assurance that the instrument meets the most stringent industry calibration & traceability parameters, thereby giving you comfort in our instrument’s accuracy and reliability when it matters most.