



DSM502

Digital Radiation Survey Meter With Internal Detector



- Auto-Ranging Display
- Large Easy-to-read Digital Display
- Timed Count Capability



The DSM-502 Survey meter is designed as the perfect application for general users of radiation measurement and monitoring. It's mid-range internal detector allows for the perfect combination of accuracy, simplicity and functionality for the reliable and consistent measurement of dose.

Input Sensitivity	0.05V
Display-LCD	4-Digit x .75" LCD w/LED Backlight
LCD Refresh Rate	0.8 - 3.0 Sec in 0.2 Sec increments - adjustable
Display Backlight	Push button, 30 Second auto off
Dose Ranges	.01-2,000 mR/hr
CPM Ranges	0-999.9 Kcpm
Probe Linearization	Internal adjust for cal constant and dead time
Scaler Ranges	0-999.9 Kcpm
Scaler Count Time Ranges	10-2550 Seconds (10 second increments)
Alarms	5-95% of Range
Diagnostics	Low Battery, Overrange - audible and visual
Range Adjustment	Auto-Ranging All Scales
Electrical Non-Linearity	< 5%
Response Time	Fast - 10-2550 Seconds (adjustable) Slow 10-250 seconds (adjustable)
Drift	<5%
Environmental	-20° F[-28° C]-140° F[60° C] 5-95% RH IPX4 Housing
High Voltage	Adjustable 300-1500 VDC Regulation +-1%
Battery	6 "AA" Alkaline-400 hours nominal
Circuitry	Digital Microprocessor Controlled
Dimensions	5.25" (14cm) H x 4" (10cm) W x 7" (18cm) L
Weight	2.5 lbs. (1.2 Kilos)
Construction	Heavy Duty Cast Aluminum and Stainless Steel
Probes	Internal Energy Compensated GM
Data Output (optional)	9 Pin Serial RS-232 - Panel switch manual data extraction

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.

