



## DSM-525

Digital Radiation Survey Meter w/Dual Detector



- Auto-Ranging Display
- Large Easy-to-read Digital Display
- Dual Probe Capability for both Dose and Contamination Monitoring

The DSM-525 is the most functional survey instrument on the market with its dual probe capability. This dual connection capability allows users the luxury of multiple level measurements with as many as four different probes calibrated to each measurement type. No more retracking to the instrument case to switch probes.

Input Sensitivity	0.05V
Dose/CPM Switchable	External Dose / CPM Switch
Display-LCD	CPM, KCPM, CPS, uR/hr,mR/hr,R/hr,uSv/hr,mSv/hr,Sv/hr
LCD Refresh Rate	0.8 - 3.0 Sec adjustable
Display Backlight	push button, 30 Second auto off
Scaler Count Time Ranges	10-2550 Seconds (10 second increments)
Probe 1 Ranges	0-999.9 R/hr 0-999.9 Kcpm
Probe 2 Ranges	0-999.9 R/hr 0-999.9 Kcpm
Scaler Ranges	0-9,999 Kcpm
Alarms	5-95% of full scale for Dose & CPM
Diagnostics	Low Battery, Overrange - Audible and Visual Alarms
Over Range Alarm	Adjustable 10% above max range - dose calibration only
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
#1 High Voltage	Adjustable 300-1500 VDC Regulation +-1%
#2 High Voltage	Adjustable 300-1500 VDC Regulation +-1%
Audio (click per event)	On--Off switch on front panel
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) w/Batteries
Probes	Internal Energy Compensated GM 1mR/hr - 50R/hr
Data Output (optional)	9 Pin Serial RS-232 - Panel switch manual data extraction (optional)

## 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 two 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.



The ERK-525 is a complete, portable radiation monitoring system designed to measure a broad range of radioisotope contamination under field conditions and features the DSM-525.

