

DSM-525 DIGITAL SURVEY METER/Dual Probe Inputs

The DSM-525 boasts an oversized digital display. It has a unique counts to dose capability allowing the user to quickly change between counts to dose rate and back by the flip of a toggle switch. Other features include a scaler for counts per unit of time, display error indications and audible/visual ALARMS. It has two Probe Connectors allowing connection of two different Johnson probes at the same time and the ability to switch between them without powering the instrument down.

FEATURES:

- ◆ **LARGE DIGITAL DISPLAY**
- ◆ **AUTO RANGING UNITS**
- ◆ **DUAL MODE CAPACITY FOR DOSE RATE & COUNT RATE**
- ◆ **AUDIBLE/VISUAL ALARMS**



DSM-525 SPECIFICATIONS:

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|---------------------------|------------------------------------------------------------------------|
| Dose/Counts Switch | Change Dose Rate to Count Rate by Toggling an External Switch |
| Display | LCD 4-Digit x .75" LCD w/LED Backlight |
| Two External Probe Inputs | All Johnson Probes |
| Dose Range | Probe Dependent |
| Energy Range | Probe Dependent |
| CPM Range | 0-999.9 Kcpm or Kcps |
| Probe Linearization | Internal adjust for calibration constant and dead time |
| Scaler Ranges | 0-999.9 Kcounts |
| Scaler Count Time Ranges | 10-2550 Seconds (10 second increments) |
| Alarms | 5-95% of Range |
| Diagnostics | Low Battery, Over-range - Audible & Visual Alarms |
| Range Adjustment | Auto-Ranging All Scales |
| Electrical Non-Linearity | < 5% Full Scale |
| Response Time | Fast - 10-2550 Seconds (adjustable) Slow 10-250 seconds (adjustable) |
| Drift | < 5% |
| Environmental | -20°F [-28°C] to 140°F [60°C] 5-95% RH IPX4 Housing |
| High Voltage Adjustable | 400-1250 VDC Regulation +/-1% |
| Battery | 6 - "AA" Alkaline (nominal 200hrs Operation) |
| Dimensions | 6.25" (16cm) H x 4" (10cm) W x 7" (18cm) L |
| Weight | 2.5 lbs. (1.2 Kilos) |