DRM-2 (D)
All-in-One Data Radiation Monitoring System

Features...

Wide range of monitoring utilizing GM or CsI detectors, Multi-Frequency Hopping Spread Spectrum (FHSS) radio for remote surveillance

- DRM-2: Two energy compensated, auto-switching GM tubes, 5 μR/hr to 1000 R/hr (0.05 μSv/hr to 10 Sv/hr)
- DRM-2D: CsI detector for greater sensitivity for Homeland Security & Medical monitoring applications
- LED Display, Audible Buzzers and Visual Indicator Lamps
- AC power with NiMH battery backup (8 hrs)
- Rugged, lightweight metal case with magnetic mounts
- Configuration and calibration software included
- 900 MHz or 2.4 GHz WRM2 Radio (FHSS)

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All-in-One Data Radiation Monitoring System

The DRM-2 is a compact, all-in-one area radiation monitoring system with LCD Display, Visual and audible alarm indicators.

The DRM-2 offers unparalleled features for a stand-alone, TCP-IP networked or wireless area monitoring solutions.
# TECHNICAL SPECIFICATIONS:

| Detector          | • GM Tube ZP-1301 (or equiv) High Range
|                   | • GM Tube ZP-1201 (or equiv) Low Range
|                   | • Optional GM Tube ZP-1300 non-energy compensated
|                   | • Optional CsI detector
| Measurement Range | • 5 u/hr to 1000 R/hr (0.05 uSv/hr to 10 Sv/hr)
|                   | • Automatic switching between detectors at 800 mr/hr and 600 mr/hr
| Accuracy          | + 10% of reading, within the measurement range
| Energy Response   | + 20% at 70 keV to 1.1 MeV
| Sensitivity (Cs137) | • 17 cps/mr/hr (Low Range):
|                   | • 0.3cps/mr/hr (High Range)
| Display           | • 6 Segment LCD (non-backlit) - units mR/h optional uSv/h
| Audible Alarms    | • Two side mounted Piezos speakers - alarm sound level >95 dB
| Indicator Lamps   | • Green and Red LED status indicators
| Alarm Acknowledgement Button | • One Push-switch
| Power             | • External power supply and battery backup: External power supply: Input 120-250 VAC,
|                   | • Output 6-15 Vdc with locking connector
|                   | • Battery Back-up: Three (3) 1.2v NiMH 2100mA rechargeable
|                   | • Battery operating life: up to ~ 8 hours continuous
| Temperature Range | • Operation: 15°F to 122°F
|                   | • Storage: -5°F to 140°F
| Humidity          | • 10% to 95% RH (non-condensing)
| Dimensions        | • 4.8”W x 8.4”L x 4.2”H (212 mm x 123 mm x 107 mm)
| Weight            | • 2.75 lbs. (1247 gm)

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