

RADIATION MONITOR

SALIENT FEATURES

- MICRO CONTROLLER BASED • DATA STORAGE • SERIAL PORT • BACK-LIT LCD DISPLAY (16 X 2) • 10 μ R/h TO 10R/hr • 0.1 μ Sv/h TO 100mSv/h • Dose 10 μ R to 100R • 0.1 μ Sv to 1Sv • RECHARGEABLE BATTERIES



TECHNICAL SPECIFICATIONS

Radiation Detected	: β (Beta) & γ (Gamma)
Detector	: GM tube
Doserate	: 10 μ R/h TO 10R/hr • 0.1 μ Sv/h TO 100mSv/h
Dose	: 10 μ R to 100R • 0.1 μ Sv to 1Sv
Time Constant	: Auto or Manual
Energy Response	: 100Kev to 2MeV (Cs-137)*
Accuracy	: \pm 15%
Display	: 16 x 2 Character Back-lit LCD
Bargraph	: 4 decade bargraph for doserate from 0.1mR/h to 1R/h on above LCD
Chirp	: Buzzer sound per count provided
Alarm`	: Audio & visual seltable alarm
User Interface	: Menu driven with STORE, UNIT, CHIRP, LIGHT, UP, DOWN, LEFT, RIGHT, ENTER buttons.
Data Storage	: Last 2000 reading stored & retrieved with data and time stamp
Recall Menu	: Recalls the Data saved
Block Menu	: Data stored can be dumped to PC via serial port or deleted with FROM & TO range
Set Unit Menu	: Allows user to set Unit : R/h, Sv/h,
Serial Port	: RS232, 9600bps
Power	: Rechargeable batteries
Size	: 14cm x 8cm x 4.5cm approx.
Weight	: 500gms
Operating conditions	: 0 to 55 $^{\circ}$ C 95% RH @ 35 $^{\circ}$ C
EMC	: IEC 61000-4-2, 61000-4-3

Note: All optional items at an extra cost.

Cat. No. PRM-156L/0413

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