

MICRO 'R' SURVEY METER

SALIENT FEATURES

- MICRO CONTROLLER BASED • DATA STORAGE • SERIAL PORT • BACK-LIT LCD DISPLAY (16 X 2) • 1 μ R/h TO 200 MR/HR • 0.01 μ Sv/h to 1.99mSv/h • PLASTIC SCINTILLATOR DETECTOR • DATE AND TIME STAMPING • DOSE MEASUREMENT • AUDIOVISUAL ALARM



Radiation Survey Meter Type PRM-151P has been designed to monitor nuclear radiation (Gamma). Plastic scintillator detector is used for this instrument to measure radiation from 1 μ R/h to 200mR/hr (0.01 μ Sv/h to 1.99mSv/h) with Auto Range Selection. 1000 radiation data's can be stored & retrieved on 16 x 2 backlit LCD. Readings are stored with date & time stamp. Stored data can be transferred to PC by serial port.

TECHNICAL SPECIFICATIONS

Radiation Detected	: γ (Gamma).
Detector	: Plastic scintillator detector
Dose rate Range	: 1 μ R/h to 200mR/h, 0.01 μ Sv/h to 1.99mSv/h.
Accumulated Dose	: 1 μ R to 9999999 μ R / 00000.01 μ Sv to 99999.99 μ Sv with time hh:mm
Alarm	: Audio & visual settable alarm for doserate and count rate
Time Constant	: Auto
Accuracy	: \pm 15% (Cs-137).
Display	: 16 x 2 Character Back-lit LCD.
Backlit Auto off	: Turn off automatically after 10 sec & ON by pressing any key.
Bargraph	: 4 decade bargraph for doserate upto 10mR/h on above LCD.
Chirp	: Buzzer sound per count provided.
User Interface	: Menu driven with STORE, UP, DOWN, LEFT, RIGHT, ENTER & UNIT, CHIRP.
Calibration Factor	: User settable calibration factor for dose & dose rate range : -50% to +50%

Data Storage	: Last 1000 reading stored & retrieved with serial number & Real Date & Time Stamp for dose rate, count rate and for preset time..
Recall Menu	: Recalls the Data saved.
Block Menu	: Data stored can be dumped to PC via serial port or deleted with FROM & TO range.
Serial Port	: RS232, 9600bps.
EHT (factory set)	: 900V DC approx.
Power	: Battery Operated
Accessories	: Carrying case.

Note: All optional items at an extra cost.

Cat. No. PRM151P/0320

PLA ELECTRO APPLIANCES PVT. LTD.

PLA HOUSE (THAKOR ESTATE), KURLA - KIROL ROAD, VIDYAVIHAR (WEST), MUMBAI - 400 086
TEL : 2511 6864 / 6865 **FAX :** 91-22 - 2516 8948 **WEB :** www.plaelectro.com **E-Mail :** pla@plaelectro.com