

MICRO-R RADIATION SURVEY METER

SALIENT FAETURES

- HAND HELD • PORTABLE • LIGHT WEIGHT • DIGITAL DOSE RATE METER • PLASTIC SCINTILLATOR • SETTABLE AUDIO VISUAL ALARM • HV CHECK • BATTERY CHECK
- CHIRP ON / OFF • ILLUMINATED DISPLAY • BETTER ENERGY RESPONSE than NaI Scintillation



Applications:

- Home land Security
- Steel Industries
- Export / Import Cargo survey

INTRODUCTION

Radiation Survey Meter Type PRM-141P has been designed to monitor low level nuclear radiation (Gamma). Plastic Scintillation detector is used for this instrument to measure low level radiation from 1 μ R/hr to 200mR/hr with Auto Range Selection.

TECHNICAL SPECIFICATION

Detector	: Plastic scintillation detector
Range & Resolution (Auto ranging)	: Upto 999 μ R/h : 1 μ R/h Upto 9.99mR/h : 0.01mR/h Upto 99.9mR/h : 0.1mR/h Upto 200mR/h : 1mR/h
Display	: 3 digit 0.5" LCD display with illumination
Accuracy	: Within $\pm 15\%$ of reading for Cs-137
Indications	: LEDs for units (mR/h, μ R/h), Alarm.
Audio Output	: Chirp, alarm

Alarm Setting	: By keypad in steps of 0.1mR/h
Facility	: HV Check , Battery Check, Chirp ON/OFF, Display illumination
Batteries	: 1.5V x 6 nos. (AA Size Dry cell)
Weight	: Approx. 1.5kg.
Dimension	: 23cm x 9cm x 11cm approx.
Data Storage	: By pressing store key 1000 readings can be stored.
Serial Port	: Provision to transmit data to PC through RS-232 serial port RS 232, 9600bps
RTC	: Optional for storing readings with date & time stamp.
EHT (factory set)	: Upto 1000VDC

Note : Optional items at an extra cost.

CAT.NO. PRM141P/0809

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