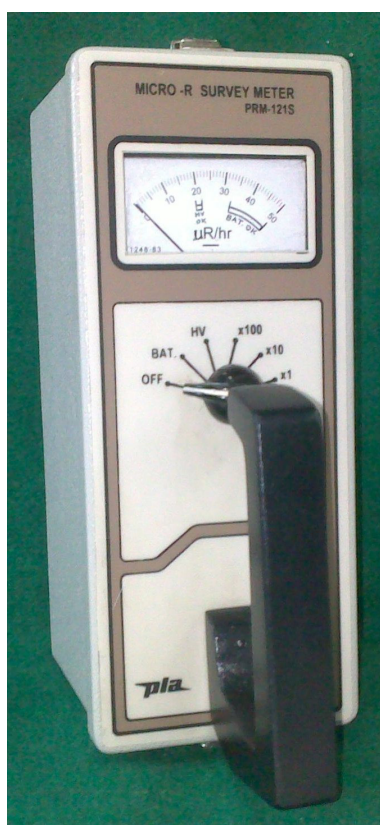


MICRO-R RADIATION SURVEY METER

INTRODUCTION

PLA Radiation Survey Meter, type PRM-121S is portable, battery operated $\mu\text{R/hr}$ radiation survey meter. Detector used is NaI scintillator type. The use of this detector renders the PRM-121S highly sensitive. PRM-121S is ideally suited for radiometric, geophysical & environmental reconnaissance surveys. Being a field instrument, it operates on easily available battery cells & specially designed low current drain circuit ensures long life of the cells. The response of the instrument is very much reliable & accurate.



TECHNICAL SPECIFICATIONS

Detector	: Built-in NaI Scintillator 1" x 1" plain detector with 1" PM tube
Ranges	: 0 to 50 $\mu\text{R/hr}$, 0 to 500 $\mu\text{R/hr}$, 0 to 5000 $\mu\text{R/hr}$
Accuracy	: Within $\pm 15\%$ of reading between 20% and 100% of full-scale on any range
Indicator	: 100 μA moving coil meter with illumination LEDs
Calibration	: Each range is individually calibrated with Cs-137 source (gross counting)
Time Constant	: Approx. 10 sec for all ranges
HV Check	: High Voltage Level can be read on panel meter by selecting FUNCTION Switch on EHT mode
Battery Check	: Battery Voltage level can be read on panel meter by selecting FUNCTION switch on BATT mode
Audio	: Chirp sound proportional to dose rate for lower range

Power Requirement : 6 x 1.5V Type AA cells or equivalent
Size of Instrument : 23cm x 9cm x 10cm approx., handle dimensions extra
Weight : Approx. 1.75Kg including detector & Batteries

All optional items are at an extra cost.

CAT. NO. PRM-121S/1209

PLA ELECTRO APPLIANCES PVT. LTD.

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