

RADIATION SURVEY METER

pea
PRM135A

SALIENT FEATURES

- DETECTION OF γ FIELDS • FOUR LINEAR RANGES • WIDE METER SCALE - EASY TO READ • COMPACT • RANGE SELECTION BY PUSH BUTTON • BATTERY OPERATED



INTRODUCTION

Radiation Survey Meter PRM 135A has been designed to monitor gamma radiation where radioactive material is used by Radiographers, Radiotherapy hospitals, Radiation Medicine Centers etc. All 4 ranges are calibrated in terms of mR/hr. Latest CMOS circuit design consumes less power.

TECHNICAL SPECIFICATIONS

Radiation Detected	: γ (Gamma) / x-ray
Detector	: GM Tube (areal density $\approx 90\text{mg/cm}^2$, effective length $\approx 0.625''$)
Energy Range	: 60Kev to 1.3Mev
Measurement range	: 0 to 5 mR/hr, 0 to 50 mR/hr, 0 to 500 mR/hr, 0 to 5000 mR/hr
Indication	: 4 LEDs for range, 1 LED for LO BAT
Accuracy	: $\pm 15\%$ of reading with Cs-137
Response Time	: Less than 10 sec.
Readout	: Analogue meter (65mm wide scale with 50 divisions)
Sound	: Piezo buzzer chirps
EHT (factory set)	: 500V DC \pm 30V
Power	: Alkaline Pencil Cells AA size
Dimensions	: 145mm x 80mm x 40mm approx.
Weight	: less than 500gms.
Accessories	: Operating Manual

CAT.NO. PRM135A/0616

PLA ELECTRO APPLIANCES PVT. LTD.

THAKOR INDUSTRIAL 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@bom3.vsnl.net.in