

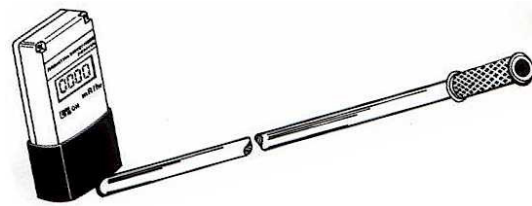


PRM143L / PRM144L

RADIATION SURVEY METERS

SALIENT FEATURES

- Pocket size • Large LCD display – 12.5mm • Long pole reduces personnel exposure • Quick response • Stable Reading • Measures doserate upto 10R/h with 10 μ R/h resolution & dose upto 10R (PRM143L) • Doserate upto 10R/h with 10 μ R/h resolution & upto 10mSv/h with 0.1 μ Sv/h resolution (PRM144L) • Light weight – 170gm



INTRODUCTION

These compact radiation survey meters PRM-143L & PRM-144L are designed to measure γ radiation with internal detector upto 10R/hr with 0.01mR/hr resolution. PRM-143L has an additional facility of measuring dose whereas PRM-144L has an additional facility of measuring doserate in μ Sv/h. Such a compact battery operated & large display survey meter when mounted on its pole reduces the personnel exposure of survey person. Also, the microcontroller based circuit design gives stable readings & quick response.

TECHNICAL SPECIFICATIONS

Radiation Detected	: γ (Gamma)
Detector	: GM Tube
Range (PRM-143L)	: Upto 99.99mR/h (res. 0.01mR/h), 100 to 9999mR/h 0.01 to 99.99mR, 100 to 9999mR
Range (PRM-144L)	: Upto 99.99mR/h (res. 0.01mR/h), 100 to 9999mR/h Upto 99.9 μ Sv/h (res. 0.1 μ Sv/h), 100 to 9999 μ Sv/hr
Energy Response	: 0.2Mev to 1.2Mev \pm 25%
Accuracy	: \pm 15% of reading above 1mR/h, Cs137
Response Time	: 2 to 3 seconds above 1mR/h
Display	: 4 Digit LCD 0.5", clear visibility due to 0.5" character height
Audio	: Chirp provided per count.
Extension Pole	: Optional
Power	: 50hrs for alkaline batteries (9V)
Dimensions	: 122mm x 64mm x 28mm approx.
Weight	: 170g approx.

Note: All optional items are at an extra cost.

CAT.NO. PRM143L / 0809

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