



### SALIENT FEATURES

- Micro Controller Based
- Data Storage
- Serial Port
- Back-Lit Lcd Display (16 X 2)
- 1 $\mu$ R/h TO 200 mR/hr
- 0.01 $\mu$ Sv/h to 1.99mSv/h
- Plastic Scintillator Detector
- Date And Time Stamping
- Dose Measurement
- Audiovisual Alarm

| <u>TECHNICAL SPECIFICATIONS</u>   |   |
|---|---|
| <b>NUCLEAR</b>  |   |
| Radiation Detected  | $\gamma$ (Gamma) & X-Rays   |
| Detector  | Plastic scintillator detector   |
| Doserate Range  | 1 $\mu$ R/h to 200mR/h, 0.01 $\mu$ Sv/h to 1.99mSv/h.   |
| Accumulated Dose  | 1 $\mu$ R to 9999999 $\mu$ R / 00000.01 $\mu$ Sv to 99999.99 $\mu$ Sv                           |
| Time Constant   | 3 Sec (Auto) or 1 to 99sec (settable)   |
| Accuracy  | $\pm$ 15% (CS-137) above 1mR/h  |
| Calibration Factor  | User settable calibration factor for dose & dose rate range<br>-50% to +50%                     |
| <b>INDICATIONS/INTERFACE</b>  |   |
| 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                              |
| Data Storage  | Last 1000 reading stored & retrieved with serial number & Real Date & Time Stamp for dose rate, |
| Recall Menu   | Recalls the Data saved  |
| DUMPMenu  | Data stored can be dumped to PC via serial port or deleted with FROM & TO range.                |
| <b>MECHANICAL/ELECTRICAL</b>  |   |
| EHT (factory set)   | 900V DC approx.   |
| Serial Port   | RS232, 9600bps.   |
| Power   | Battery Operated  |
| Handle  | Provided  |
| <b>ACCESSORIES</b>  |   |
| Manual, Carrying case   |   |
| <b>DOCUMENTATION</b>  |   |
| NABL accredited and AERB approved lab calibration certificate valid for 2 years included. |   |

**Note:** All optional items at an extra cost.

**Cat . No.:** PRM151P/0423

## **PLA ELECTRO APPLIANCES PVT. LTD.**

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