



### SALIENT FEATURES

- MICRO CONTROLLER BASED • DATA STORAGE • SERIAL PORT • BACK-LIT LCD DISPLAY (16 X 2) • 0.1mR/h TO 10R/hr • 1 $\mu$ Sv/h TO 100mSv/h • COUNT RATE RANGE 6,000 CPS, 50,000 CPM • RECHARGEABLE BATTERIES • BATTERY CHARGER

### TECHNICAL SPECIFICATIONS

<b>Radiation Detected</b>	: $\gamma$ (Gamma)
<b>Detector</b>	: External GM tube with 25 meter cable, roller type retraction manually
<b>Dose rate</b>	: 0.1mR/h TO 10R/hr, 1 $\mu$ Sv/h TO 100mSv/h
<b>Count rate range</b>	: 0 to 6,000 CPS, 0 TO 50,000 CPM
<b>Time Constant</b>	: Auto or Manual
<b>Energy Response</b>	: 100Kev to 2MeV (Cs-137)*
<b>Accuracy</b>	: $\pm$ 15%
<b>Display</b>	: 16 x 2 Character Back-lit LCD
<b>Bargraph</b>	: 4 decade bargraph for doserate from 0.1mR/h to 1R/h on above LCD
<b>Chirp</b>	: Buzzer sound per count provided
<b>Alarm`</b>	: Audio & visual settable alarm
<b>User Interface</b>	: Menu driven with STORE, UNIT, CHIRP, LIGHT, UP, DOWN, LEFT, RIGHT, ENTER buttons.
<b>Data Storage</b>	: Last 1000 reading stored & retrieved with data and time stamp
<b>Recall Menu</b>	: Recalls the Data saved
<b>Block Menu</b>	: Data stored can be dumped to PC via serial port or deleted with FROM & TO range
<b>Set Unit Menu</b>	: Allows user to set Unit : R/h, Sv/h,
<b>Serial Port</b>	: RS 232, 9600bps
<b>Power</b>	: Rechargeable batteries
<b>Size (of the electronic unit)</b>	: 14cm x 8cm x 5cm approx.
<b>Size (of probe)</b>	: Length 15cm x 4cm Dia. approx.
<b>Weight</b>	: 6.5 Kg
<b>Operating conditions</b>	: 0 to 55 $^{\circ}$ C 95% RH @ 35 $^{\circ}$ C
<b>Accessories</b>	: Battery charger

Cat. No. PRM-156LR/0923

## **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@plaelectro.com