

EECIRAD- PD 4S

POCKET DOSIMETER



- Light weight & compact to fit in pocket
- Easy to read, large LCD display
- Loud, audible dose alarms
- Wide measurement range
- USB connectivity & PC software
- Audio, Visual and Vibrate alarm indication as per AERB Guidelines

EECIRAD Pocket Dosimeter is designed for professionals as well as for general use. It is reliable, accurate, lightweight, rugged & easy to use.

This serves as a personnel radiation dosimeter, to cater the needs of radiation works in nuclear installations, radio chemical plants, medical, industrial applications etc. where radioactive materials are used.

SPECIFICATIONS

Detector	PIN detector for ionizing radiation
Radiation Detected	γ , X-rays
Measurement Range	0 – 2 Sv or 200 R (Dose) 0 – 100 mSv/hr or 10 R/hr (Dose Rate)
Energy Response	\pm 25% 50 Kev to 3 MeV
Dose Accuracy	\pm 15% (Ref Cs-137)
Dose Rate Linearity	\pm 15% (Ref Cs-137)
Alarm	User selectable Dose Threshold Audio, Visual and Vibrate alarm
Overflow Indication	'ORLD' indication on the LCD
PC connectivity	USB interface
PC Software	Track dosimeter assignment to personnel
Display	Custom LCD to indicate : - Dose - Dose Rate - Dose Alarm - Battery %
Power Requirement	1 no. Coin cell battery (Cr2032)
Battery Life	Up to 100 hours
Operating Temperature	0°C to 50°C
Dimensions	90 x 45 x 12 mm
Weight	<100 gm