

DOSE & DOSE RATE SURVEY METER **EECIRAD-5S & EECIRAD-5SD**



- **Convenient, Rugged & Portable**
- **Measurement in $\mu\text{Sv/h}$ Or mR/h**
- **High Battery Life Time**
- **Visual & Audible Alarms**
- **Large LCD Display**
- **Dose & Dose Rate Thresholds**

The EECIRAD-5S & EECIRAD-5SD are Digital Handheld Dose Rate Meter designed for a wide range of application involving detection & measurement of radiation levels. Its reliable performance & user friendly interface make the EECIRAD-5S & EECIRAD-5SD perfectly suited to radiation survey in field condition for protection against radiological hazards. The devices are microprocessor controlled & have a easy-to-use menu structure, displayed on the LCD.

The instruments are suitable for use in Industrial Radiography, Nucleonic Gauging, Health Physics, Radio Chemistry, Nuclear Installations, Nuclear Research Center, Nuclear Power Station, Defense, Police, & Security Survey.

SPECIFICATIONS:

Sensor	Shock proof mounted Halogen-quenched GM tube
Radiation Detection	Gamma(γ)
Energy Detection Range	50KeV to 2 MeV
Energy Response	$\pm 30\%$ 600 KeV to 2 MeV (Ref Cs-137)
Dose Rate Linearity	$\pm 15\%$ for 600 Kev to 1.3 MeV
Angular Response	$\pm 30\%$, ± 120 degree (Ref Cs-137)
Minimum Radiation Detection	0.1mR/h or 1.0 μ Sv/h
Maximum Radiation Detection	5R/h or 50mSv/h
Display Refresh Rate	1 to 5 seconds (varies as per dose rate intensity)
Display Resolution	0.1mR or 1 μ Sv
Data Logging (EECIRAD 5SD)	<ul style="list-style-type: none"> • Dose Rate recorded every 60 sec • Cumulative dose
Measurement Unit	Roentgen or Sievert (User Selectable)
Alarms	<ul style="list-style-type: none"> • User selected, non-volatile alarm value • Visual (LED) and Audio (Chirper)
Digital Display	4 Digit Seven Segment
Power Requirement	3 nos. AA Size Alkaline Cells
Operating Temperature	-10° to 50°
Battery Life	upto 180 Hrs
Weight	750 gms
Dimension	70mm x 160mm x 30mm