ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

ELECTRONIC DOSIMETER

MODEL NO. : AS-ED-101

Advance Science Electronic Dosimeter is a compact, highly reliable and easy-to-use instrument designed for monitoring individual radiation exposure. It accurately measures dose and dose rate from Gamma-Ray and X-Ray radiation, making it suitable for research, medical, nuclear and industrial applications.



- GAMMA-RAY & X-RAY DETECTION
- ACCURATE MEASUREMENT
- AUTO RANGING
- LONG BATTERY LIFE
- COMPACT & PORTABLE DESIGN

TECHNICAL SPECIFICATIONS

Parameter	Specification
Dose, Measurement range	1 micro Sv to 1Sv auto ranging
Detection Capability	Gamma-Ray ,X-Ray
Angular	=< +/- 30 percent
Energy	30keV to 6MeV
Dose rate lineraiity (percent)	10
Dose rate Measurement	1 micro Sv/h to 10Sv/h
Battery life, Min	1000 hour
Accuracy	10 percent
Certification	IEC61526

KEY FEATURES

- Wide dose measurement range (1 µSv to 1 Sv auto ranging)
- Gamma-Ray and X-Ray detection
- Accurate and reliable performance
- Dose rate measurement (1 µSv/h to 10 Sv/h)
- Long battery life (1000 hours)
- Compact, lightweight and portable
- Suitable for research, medical, nuclear and industrial applications
- Complies with IEC61526

APPLICATIONS

- Research Laboratories
- Medical Facilities
- Nuclear Industry
- Industrial Applications

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