



SM-E

Survey Meter

Overview

The Portable Survey Meter (SM-E) is a radiation measurement instrument engineered for the detection of X-ray and gamma radiation, providing high-sensitivity dose rate measurement across a broad energy range. It is ideally suited for rapid field interventions, emergency response, and routine survey activities. With its rugged construction and compliance with MIL-STD standards, it delivers reliable measurement performance even under severe environmental conditions.



The SM-E survey meter measures and records the instantaneous dose rate and cumulative dose in radiation environments. In hazardous situations, it quickly notifies the user through audible, visual, and vibration warning mechanisms.

The radiation performance tests of the IM-SM measurement device are carried out in ISO/IEC 17025 accredited laboratories in accordance with the IEC 60846-1 standard.

Fields of Application

- CBRN (Chemical, Biological, Radiological, Nuclear) threat analysis and risk mapping
- Radiation safety in nuclear facilities
- Emergency response teams
- Defense industry personnel

- Industrial applications requiring dose control

Technical Specifications

SM-E Survey Meter :

Feature	Value	Description
Detector	Geiger-Müller tube with energy compensation	
Radiation Type	X-ray, gamma	
Measured Parameters	H*(10)	
Energy Range	30 keV- 3.0 MeV	For gamma radiation type
Dose Rate Range	0.1 µSv/h -1.0 Sv/h	For gamma and X-ray
Alarm Types	Visual, audible, vibration	
Communication Protocol	USB	
Operating Temperature	MIL-STD-810G*	
Humidity	MIL-STD-810G*	
EMC	MIL-STD-461G*	
Dimensions	8.4 cm x 15.4 cm x 3.0 cm	
Weight	220 gr	

Contact



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