

Alpha Radiation Detector

This alpha radiation detector is designed for rapid detection and analysis of alpha radiation. It can determine underground water aquifer structure and locate petroleum and natural gas reservoir belts.



ADDITIONAL IMAGES



Overview

Alpha Radiation Detection Solution

This Alpha Radiation Detector is a specialized instrument engineered for the rapid detection and analysis of alpha radiation in environmental and industrial settings. It features a high-efficiency detection system capable of maintaining stability over extended 7-hour operational periods. Designed for field reliability, the unit includes a character LCD display and robust data logging capabilities to support professional monitoring and survey applications.

Technical Performance

Background Counting

5 counts/min

Max Counts

Efficiency

60 %

Stability Relative Error

-15% to +15%

Operational Features

Data Storage Capacity

30000

Display

Character LCD

Key Features

Power-off Protection, Data Logging, Ruggedized Enclosure, Key-operated Switch

Physical Specifications

Dimensions

244 x 154 x 290 mm

Operating Temperature

-10°C to +50°C

Power

Power Consumption

1 W