

# 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