

# Portable Gamma Ray Detector

This portable gamma ray detector is designed for detecting gamma radiation in various environments. It can be used for semi-quantitative analysis of uranium ore samples, radioactivity detection in building materials, and large area gamma abnormality census.



## ADDITIONAL IMAGES



## Overview

### High-Precision Radiation Detection

This portable gamma ray detector is engineered for accurate and reliable radiation monitoring in demanding field and laboratory environments. Utilizing a high-sensitivity NaI (TL) crystal sensor, it provides precise measurements with an overflow alarm feature to extend the effective reading range. The device is built for durability and ease of use, featuring a compact, ergonomic design suitable for professionals in environmental monitoring, industrial radiography, and research.

## Technical Specifications

Sensitivity	4ppmeu (1ppmeu average uranium content is equal to 0.52 <sup>3</sup> )
Measurement Range	0~9999 (x1 shift, with overflow alarm)
Detector Type	NaI (TL) crystal, $\Phi 30 \times 25$ mm

## Performance Metrics

### Key Performance Indicators

**1 kg**

Weight

**85 %**

Max Humidity

## Power and Environment

Power Supply	Chargeable batteries with included charger
Operating Temperature	10 to +50

## Dimensions

Dimensions	204 x 200 x 46 mm
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