

# Portable Gamma Radiation Detector

This portable gamma radiation detector is waterproof and reliable, making it suitable for field surveys. It features high sensitivity, a table head indicator, direct reading capabilities, low power consumption, and long battery life.



## Product Overview

### Professional Gamma Radiation Detection

The DSHD-71 is a portable gamma radiation detector designed for precise measurement in diverse environments. Originally developed for geological and nuclear industry applications, this robust instrument is now widely utilized for environmental monitoring, building material assessment, radioactive sanitation, and commodity inspection. Its design features a telescopic probe for extended reach and reliable performance in demanding field conditions.

## Measurement Performance

### Measurement Ranges

Range Level	nC/kg.h	R/h
Range I	0 - 12.5	0 - 50
Range II	0 - 50	0 - 200
Range III	0 - 250	0 - 1000

### Sensitivity Threshold

**2 R/h**

Sensitivity

### Gamma Ray Energy Threshold

35 keV

## Technical Specifications

### Measurement Nonlinearity

±8%

### Time Constant

5 s

### Long Term Stability

±10% relative error (no calibration needed for 10 days)

## Physical and Power

### Physical Specs

**650 mm**

Length

**1.6 kg**

Weight

### Power Supply

2 x 1# batteries