

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