

Radon Survey Water Detector

The Radon Survey Water Detector is designed for precise measurement of radon levels in water samples. It is crucial for environmental monitoring and ensuring water safety.



Product Overview

High-Precision Radon Detection

The DSHD-3017A is an advanced radon survey meter designed for quantitative measurement of radon concentration in soil and water. Utilizing static collection of radon decay progeny, it offers high sensitivity and rapid site results, often completing measurements in as little as 3 to 5 minutes. This portable instrument is engineered for durability and reliability, making it an essential tool for geological prospecting, environmental monitoring, and seismic forecasting.

Technical Specifications

Limit Exploration Sensitivity	0.1 Bq
Detector Type	Au-Si surface barrier semiconductor detector
Detector Area	531 mm ²
Detecting Efficiency	e40%
Background	d4pulse/h

Operational Features

Key Operational Features

- No detector pollution problems
- No radon emanation effect
- High sensitivity
- Rapid site result generation
- Electricity drop protection function

Timing Shifts	0min (Manual), 0.5min, 1min, 2min, 3min, 4min, 5min, 6min, 10min, 15min, 25min, 30min
Data Storage Capacity	300

Environmental Performance

Temperature Range	-10°C to +40°C
Relative Humidity	95 %

Physical Dimensions

Physical Specifications

Component	Dimensions (mm)	Weight (kg)
Operation Panel	210 x 97 x 156	2.3
Air Pump	540 (L) x 103 (D)	3.3

Power Supply

Power Supply	3 x 1# batteries
Power Consumption	400 mW