



## Introduction

Radon gas detector, Rn gas detector, Portable gas detector

### Description:

The Radon gas detector with the quick response could inspect the Radon gas continuously. It apply to many different working place, including of the Environment inspection, Construction, Healthy, Geological exploration, Underground tunnel, Scientific research, etc, to inspect the Radon in air, soil, water, and the radon exhalation rate.

### Features:

Small size, light weight, easy to carry.

Human-machine interface, easy to operation.

High sensitivity and low power consumption, with the classical Scintillation radon detection method.

USB, TCP/IP, RS485, RS232,etc, various interface selectable.

With the built-in printer.

### Parameter:

Sensitivity:  $\geq 8\text{cps}/[\text{Bq}\cdot\text{m}^{-3}]$

Background count rate:  $\leq 0.3\text{CPM}$

Measuring range: Radon in air: (3 ~ 100000000) Bq/m<sup>3</sup>,

Radon in Soil: (300 ~ 400000) Bq/m<sup>3</sup>,

Radon in Water: (0.003 ~ 100) Bq/L,

Radon Exhalation rate: (0.001 ~ 10.000) Bq/[m<sup>2</sup>•s]

Repeatability error:  $\leq 5\%$  (Radon chamber concentration 2000Bq/m<sup>3</sup>, environment humidity 65%, temperature 25°C)

Long-term Stability (8h) error:  $\leq 10\%$

Power: Rechargeable lithium battery (could work for 35h continuously), or AC

Working temperature: -10°C ~ +40°C Humidity:  $\leq 90\%$

Probe: ZnS (Ag)

Data storage: up to 200,000 record data.

Operation mode: Single point inspection or continuous monitoring

LCD display screen

Sampling method: Pump-suction sampling (Flow rate is 2L/min)

Inspection time: Air radon: 1-30min, Soil radon: 1-10min, Radon exhalation rate: 1-30min,  
Water radon: 1-30min

Print data: date, time and the inspect data.

**If you need the Radon gas detector, welcome to contact us.**

