

Product Datasheet

AlphaS

Portable Radon Monitor

A robust Radon monitor for precise and reliable on-site measurement.
Easy to use in a wide range of environments, including harsh ones.
Perfectly suited for radon consultants and mitigators.



Features

- High sensitivity (1 cpm at 60 Bq/m³)
- Large measuring range (2 - 200,000 Bq/m³).
- Low susceptibility.
- Insensitive to high air humidity.
- Internal self-diagnostic system.
- High robustness, compact and lightweight.
- Great accessibility (WiFi, LAN, USB, integrated web server).

Remote Connectivity

Equipped with WiFi and LAN

Flexible integration in networks.
Direct access to the instrument.

Integrated Web Server

Direct access, e.g. via smartphone/tablet.

Remote Connectivity

Remote access, e.g. via DataEXPERT 10.

Wide Range of Applications

Radon in air

Precise short- and long-term radon monitoring.
Analysis of the radon dynamics.

Sniffing

Identification of radon entry paths.

Radon in soil - Soil gas probe

Sampling and continuous monitoring.
Evaluation of soil permeability.

Radon in water (sampling) – AquaKIT

Portable for laboratory and field measurements.

Radon in water (continuous) – REM1

Portable suitcase for laboratory and field measurement.
Embedded pump for water sampling.

Specifications

| | |
|-------------------------|--|
| Detector | 0.2 L ionisation chamber |
| Measurement Modes | Diffusion, flow |
| Measuring Range | From 2 to 200.000 Bq/m ³ (from 0.027 pCi/l to 5.4 nCi/l) |
| Additional Sensors | T, P, H, Reloc, QA |
| Sensitivity of Detector | 1 cpm at 60 Bq/m ³ (or at 1.65 pCi/L) |
| Display | Graphic display, backlight |
| Autonomy | Up to 2.5 days |
| Dimensions | 300 x 249 x 196 mm |
| Weight | < 5.7 kg |
| Housing | PeliCase (registered trademark icon) |

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