

Corentium Plus

by Airthings

DOWNLOADS



Corentium Plus is the radon monitor that brings data to life. Built with multiple state-of-the-art sensors, it records everything you will need to know about your fluctuating radon levels.

SPECIFICATIONS

Radon sampling: passive diffusion chamber

Detection method: alpha spectrometry

Detector: 1 silicon photodiode

Diffusion time constant: 25 min

Measurement range: 0 - 50 000 Bq/m³

Sampling rate: 1 hour

Operation environment

- 4°C to 40°C
- 5% RH to 85% RH non-condensing
- 50 kPa to 110 kPa

LONG BATTERY LIFE

Approximately 1.5 year of continuous monitoring

Comes with replaceable AA batteries

ADDITIONAL INFORMATION

PACKAGE CONTENTS

Radon detector

3 x alkaline batteries type AAA (LR03)

User manual

Memory stick w/software

1x USB-cable (micro-B plug to Type-A plug)

Software manual

DETECTOR

Weight: 148g (with batteries)

Dimension: 119x69x26 mm

PACKAGE

Weight: 250g

Dimension: 140x72x60 mm

PRODUCT CODES

EAN: 7090031102319

SKU: 240

ENVIRONMENTAL SENSORS

Temperature: 0.336°C resolution, ± 1°C accuracy

Humidity: 0.5% RH resolution, ± 4.5 % accuracy

Barometric pressure: 0.01 kPa resolution, ± 1 kPa accuracy

FUNCTIONS

Air quality measures: radon, temperature, humidity

Reset button: resets the device

Mode button: displays total days measured

Reporting: free web-based reporting

Software: Custom Reporting and Analysis (CRA)

Memory: up to 10 years of data at 1-hour resolution

DATA & ACCURACY

Free reporting and analysis software for PC

Unaffected by other radiation

After 7 days: $\sigma < 12\%$ at 50 to 350 Bq/m³

After 1 month: $\sigma < 9\%$ at 90 to 220 Bq/m³