



Corentium Pro by Airthings

DOWNLOADS



Corentium Pro, a favorite among home inspectors and professionals. Fully AARST-NRPP certified for the North American market and beyond, this professional radon detector will be a reliable workhorse for decades.

SPECIFICATIONS

Radon sampling: passive diffusion chamber

Detection method: alpha spectrometry

Detector: 4 silicon photodiodes in 4 distinct radon chambers

Diffusion time constant: 25 min

Measurement range: 0 - 50 000 Bq/m³

Sensitivity: ~100 cph at 1000 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 AA (LR06)
2x quick start guides (CRA and Detector)
Memory Stick w/software
1x USB-cable (mini-B Plug to Type-A plug)
Torx6 Key L shape
Calibration certificate
Protective casing

PACKAGE

Weight: 1500g
Dimension: 307x255x105 mm

PRODUCT CODES

EAN: 7090031102364
SKU: 236
GLN: 7080003872449

DETECTOR

Dimensions: 140x140x30 mm
Weight: 325g (with batteries)
Housing: ABS plastic

OTHER

Tampering detection (moving device)
Factory calibrated
Control: 1 push-button re-start

ENVIRONMENTAL SENSORS

Temperature: 0.2°C resolution, ± 1°C accuracy

Humidity: 0.5% RH resolution, ± 4.5% accuracy

Barometric pressure: 0.002 kPa resolution, ± 1 kPa accuracy

MEMORY

Internal memory stores 5 years of data

Capacity: ~ 1900 days of measurement

- 5 data sets of one year length
- 177 data sets of 1-week length
- 325 data sets of 2-days length

Memory type: non-volatile flash memory

DATA & ACCURACY

Data accessible via Android or iOS app

Free reporting and analysis software for PC

After 24 hours: $\sigma < 7\% \pm 5 \text{ Bq/m}^3$

After 7 days: $\sigma < 5\% \pm 2 \text{ Bq/m}^3$