



# 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 – 1350 pCi/L

**Sensitivity:** ~100 cph at 27 pCi/L

**Sampling rate:** 1 hour

### Operation environment

39F to 104F

5% RH to 85% RH non-condensing

50 kPa to 110 kPa

## ENVIRONMENTAL SENSORS

**Temperature:** 0.36°F resolution, ± 1.8°F 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

## LONG BATTERY LIFE

Approximately 1.5 year of continuous monitoring

Comes with replaceable AA batteries

## DATA & ACCURACY

Data accessible via Android or iOS app

Free reporting and analysis software for PC

**After 24 hours:**  $\sigma < 7\% \pm .1$  pCi/L

**After 7 days:**  $\sigma < 5\% \pm .01$  pCi/L

## 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: 53 ounces

Dimension: 12.1x10.0x4.1 inches

### PRODUCT CODES

EAN: 7090031102364

SKU: 236

GLN: 7080003872449

### DETECTOR

Dimensions: 5.5x5.5x1.2 inches

Weight: 11.5 ounces (with batteries)

Housing: ABS plastic

### OTHER

Tampering detection (moving device)

Factory calibrated

Control: 1 push-button re-start