

Corentium Home

by Airthings



SPECIFICATIONS

Radon sampling method:	Passive radon diffusion chamber
Radon detection method:	Alpha spectrometry using digital detector technology.
Sensitivity: (at 100 Bq/m³) 7 day and long-term measurement 1 day measurement	~ 0,3 counts / hour ~ 2 counts / hour
Precision (at 100 Bq/m³): Short-term (7 days) Long-term	20 % after 1 week 10 % after 1 month
Accuracy:	< 5 % ± 5 Bq/m ³
Power supply:	3 LR03 (AAA alkaline battery) 3 years battery life-time
Power consumption:	< 250 µW
Dimensions:	120 mm × 69 mm × 22.5 mm
Weight:	130 grams (incl. batteries)
Operation environment:	Temperature: 0 °C to +40 °C Relative Humidity < 95 %
Measurement range:	Detection range: 0 – 50.000 Bq/m ³ Upper display limit: 9.999 Bq/m ³