RADON MONITOR

PCE-RD 75

- **measurement range: 6 Bq/m³ ... 10 kBq/m³**
- **sensor: radon pulse ionisation chamber**
- **measuring interval: every 10 minutes**
- **reliable measured values: in 1 hour**
- **automatic PDF generation**
- **long-term data storage up to 508 days**
- **screen standby mode - adjustable**
- **data export: USB flash drive protocol**
- **auto power off mode**
- **display: 2.1-inch HD touch screen**

Our radon monitor offers precise measurements of indoor radon concentrations with a measurement range from 6 Bq/m³ to 10 kBq/m³. The integrated radon pulse ionisation chamber sensor provides reliable results within one hour with an accuracy of 10 %. The data is updated every 10 minutes and can be displayed as a cumulative average and also as 12, 24, 48 and 96-hour values. Long-term data storage of up to 508 days enables automatic data backup and data export via USB using the USB flash drive protocol, so no additional software installation is required.
The radon monitor is equipped with a 2.1-inch HD touch screen that provides a clear, colour display of the current radon values. The screen's automatic energy-saving function and sleep mode optimise energy consumption. Our radon monitor features an audible alarm for elevated radon levels, real-time temperature and humidity detection and a long-life rechargeable lithium battery.

The radon monitor is suitable for use in homes, offices, schools and industrial buildings to ensure that radon levels remain within safe limits at all times. It is an important tool for homeowners, landlords and building contractors to effectively minimise health risks from radon exposure and ensure safe indoor air.

Specification

Radiation	
Measuring range	2 Bq/m³ ... 20 kBq/m³
Resolution	1 Bq/m³
Accuracy	±10 %

General technical data	
Measuring functions	Cumulative average, 12h value, 24h value, 48h value, 96h value
Units	Bq/m³, pCi/L
Display type	HD touch screen
Display size	2,1 in
Display resolution	480 x 480 pixels
Storage medium	Internal memory
Memory information	Data is automatically saved for 508 days after the measurement is stopped or restarted and can be retrieved via USB on the computer.
Interface	USB-C
Operating time	12 Day(s)
Alarm	Acoustic
Sensors	Radon pulse ionisation chamber
Measuring interval	10 min
Menu language	English, English (GB)
Protection class (device)	IP20
(Rechargeable) battery	1 x 3,7 V internal , Lithium-ion battery
Capacity	5000 mAh
Operating conditions	-10 ... 45 °C , 0 ... 80 % RH
Storage conditions	-10 ... 45 °C , 0 ... 80 % RH
Dimensions (L x W x H)	130 x 80 x 80 mm
Weight	320 g