Datasheet

RadonTec AlphaSniffer

The **AlphaSniffer** is compact and light-weight radon detector, ideal for radon remediation. It can be used as a stand alone radon sniffer, with a simple one button interface and an OLED display. It can also connect to “Radon Sniffer” app using Bluetooth Low Energy, and work as a tethered device, sending data to a smartphone application. Its compact form factor and long battery life make it a convenient and easy to use radon detector.

Indicated Use
Radon remediation

Measurement Units
User selectable (Bq/m3 or pCi/L)

Lower Limit Of Detection
37 Bq/m3 (1 pCi/L)(Sniff mode running for 30 minutes)

Recovery Time
Recovers from high radon exposures to 5% peak value in 5 minutes

Local Controls
One push button to toggle screen and one power switch to turn on/off detector

Battery
4400mAh Li-Ion battery pack

Operation Hours
19 Hours

Air Pump
Approximately 500 mL/min

Dimensions (Unit)
11.5 × 8.5 × 11 cm Weight: 510g

Detector
Scintillation cell and Silicon Photomultiplier

Sensitivity
1 CPM = 28 Bq/m3 (0.75 pCi/L)

Response Time
15 seconds or 5 minutes

Local Display
3.2 x 1.8 cm OLED. Font size automatically adjust to display as many digits as needed

Wireless Communication
Bluetooth Low Energy connecting to Radon Sniffer app

Operation Voltage
3.7V

Charger
5V, approximately 16 hours charging time

Scintillation Cell Volume
0.30L

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Features:

- Compact, Lightweight Radon Sniffer
- Fast Response
- Single-Button Local Operation
- Connects to Radon Sniffer app by Bluetooth Low Energy (BLE)
- Uses Silicon Photomultiplier (SiPM) technology
- Rich User Interface Provided by Smartphone Display
- Can Log Data to the Smartphone



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