



MODEL RnCAM

RADON IN AIR MONITOR

The **Overhoff Model RnCAM** radon air monitor is designed to measure Radon-222 and Radon-220 over a wide range of concentrations. Gamma rejection is inherent in the pulsed ionization chamber design.

This radon monitor is useful to individuals who need to quickly establish radon background levels, demonstrate compliance with regulations, and for radon mitigation efforts. **The Overhoff Radon Monitor can be used to accurately measure below the US EPA's recommended mitigation limit of 4 pCi/L in as little as a few minutes.**

The radon monitor can log 40,000 data points to accurately establish the daily variation in radon concentrations. The monitor's internal rechargeable battery can operate the monitor for 24 hours. By using the AC/DC adapter, the monitoring time can be extended indefinitely, which allows for logging the variations in radon concentrations due to the environmental effects of changes in barometric pressure and rain-fall. The radon monitor is housed in a rugged, waterproof enclosure.



Particularly useful as a real-time radon monitor for those involved in radon mitigation since the fast, sensitive, real-time measurement gives an immediate indication of any mitigation efforts. Mitigation of radon concentrations can be as simple as a change in ventilation flow or a more complex effort such as installing a vapor barrier.

SPECIFICATIONS

RADIATION DETECTED	Radon-220 and Radon-222 Alpha
DETECTOR	Pulsed Ionization Chamber
ELECTRONICS	Microprocessor Controlled Non-Volatile Memory
HOUSING	Weatherproof Rugged Design
DYNAMIC RANGE	0.1 to 2,000 pCi/L
UNITS	pCi/L or Bq/m ³
SENSITIVITY	0.45 CPM per pCi/L
LINEARITY	0 To 2,000 pCi/L (less than 10% deviation)
OPERATING MODE	Air Circulation Via Pump
DATA STORAGE	40,000 Points
DISPLAY	Optrex Monochrome Graphic Display
CONTROLS:	
ON-OFF SWITCH	Alarm Preset Points, Manual Pump On/Off, Back Light
THREE MOMENTARY PUSH BUTTONS	
EXTERNAL OUTPUT	RS232 (Standard) and LAN (Optional)
POWER SUPPLY	Use 100-240VAC / 7.5VDC Adapter Or 3.6V / 7.4Ah Rechargeable Battery 24 Hr. Operating Capacity (Standard)
DIMENSIONS (excluding handles)	10.7" Long x 7" Wide x 7.5" Tall
WEIGHT	8 lbs.
<u>Accessories include:</u>	-Dust Filter -AC Power Converter -Serial cable for connecting to PC and alarm annunciator

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