

RADON MONITOR

氡监测器

The Overhoff Radon Monitor is intended to measure radon-222 and radon-220 over a wide range of concentrations. Gamma rejection is inherent in the pulsed ionization chamber design.

Overhoff的氡监测器专门测量宽浓度范围的氡-222和氡-220，脉冲电离室设计伽马抑制

The radon monitor is useful to those individuals who need to establish radon background levels or demonstrate compliance with regulations and to those individuals involved in radon mitigation efforts.

氡监测器适用于那些需要建立氡本底值或显示符合规定或涉及减氡工作的用户

The radon monitor can log 40,000 data points to accurately establish the daily variation in radon concentrations. The radon 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 rainfall.

氡监测器可记录**40,000**数据点精确建立每日氡浓度变化。其内置可充电电池可工作**24**小时，通过使用**AC/BC**适配器，可长时间监测，这样可以记录由于气压和降雨变化中环境影响引起的氡浓度变化

The radon monitor is very useful as a real-time radon monitor for those individuals involved in radon mitigation since the real-time indication 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.

这款实时氡监测器对于那些涉及氡减排工作的用户特别适用，因为实时指示对于任何减排工作给出即刻显示。氡浓度减排工作可能就是控制通风量变化那样简单，或者复杂点儿的工作如安装一个隔汽层。



SPECIFICATIONS: 规格

RADIATION DETECTED 辐射检测	Radon-220 and Radon-222 Alpha 氡-220和氡-222 α 辐射
DETECTOR 探头	Pulsed Ionization Chamber 脉冲电离室
ELECTRONICS 电子学	Microprocessor Controlled Non-Volatile Memory 微处理控制, 非易失性存储器
HOUSING 外壳	Weatherproof Rugged Design 防潮耐用设计
DYNAMIC RANGE 动态量程	1 to 2000 pCi/l 1 - 2000 pCi/l
UNITS 单位	1 picoCuries Per Liter of Air 1pCi/L
SENSITIVITY 灵敏度	0.45 CPM per pCi/l 每 pCi/l 0.45CPM
LINEARITY 线性	0 To 2000 pCi/l (less than 10% deviation) 0-2000 pCi/l (绝对偏差少于10%)
OPERATING MODE 工作模式	Air Circulation via Pump 空气循环气泵
DATA STORAGE 数据存储	40000 Points 40000 点
DISPLAY 显示	Optrex Monochrome Graphic Display Optrex单色图形显示
CONTROLS :控制	Alarm Preset Points, Manual Pump On/Off, Back Light 报警预设点, 手动 泵开关, 背景灯
ON-OFF SWITCH THREE MOMENTARY PUSH BUTTONS 开关 三个瞬时按钮	
EXTERNAL OUTPUT 外部输出	RS232 (Standard) and LAN (Optional) RS232 (标准) 和LAN (可选)
POWER SUPPLY 电源	Use 100-240VAC / 7.5VDC Adapter Or 3.6V / 10Ah Rechargeable Battery 24 Hr. Operating Capacity (Standard) 使用100-240VAC/ 7.5VDC 适配器或3.6V / 7.4Ah 可充 电电池, 24小时运行能力(标准型)
DIMENSIONS (excluding handles) 尺寸(不含把手)	11.25" Long x 7" Wide x 7.5" High 11.25" 长 x 7" 宽 x 7.5" 高
WEIGHT 重量	8 lbs 8磅