

# PORTABLE RADON MONITOR

## Model – RADON MONITOR

### FEATURES:

- DETECTS RADON-220 & RADON-222
- PORTABLE
- DETECTS BETWEEN 10 MINUTES & 30 MINUTES
- RANGE: 1-2000 pCi/l (picoCuries per liter)
- USER SELECTABLE UNITS - pCi/L or Bq/m<sup>3</sup> etc.
- **OPTIONAL:** - TOTAL DAILY DOSE
- DIGITAL READOUT
- RECHARGEABLE BATTERY OR AC OPERATION
- INTERNAL DATA STORAGE
- DATA OUTPUT VIA RS-232 **OPTIONAL:** LAN OR USB PORT
- **OPTIONAL:** EXTERNAL ALARM: AUDIO / VISUAL
- USE WITH PORTABLE PC AS 1 YEAR DATA BUFFER
- USER SELECTABLE SET POINT
- **OPTIONAL:** BACNET COMPATIBLE COMMUNICATIONS



### APPLICATION:

The Radon Monitor is designed for a quick and accurate real-time display. Data output via proprietary software to user's laptop provides ease of use and evaluation. Internal data log accurately establishes the daily variation in Radon concentrations.

### DESCRIPTION:

The Radon Monitor operates as a portable stand alone Radon detector providing real-time measurement over a wide range.

All data is stored.

- VERIFIES NEED FOR RADON MITIGATION DEVICES
- SENSITIVE FOR OCCUPATIONAL EXPOSURE
- **OPTIONAL** AUDIO/VISUAL SIGNAL
- BUILT-IN COMPUTER INTERFACE

All instruments calibrated by accredited lab. User friendly calibration software is provided.



## **TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY**

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Divisions of  US NUCLEAR CORP

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### SPECIFICATIONS:

- **Measurement Range:** Large easy to read digital LCD display; 1 to 2,000 pCi/L
- **Detector:** Pulsed 300 ml Ion Chamber
- **Circuit:** Patented Overhoff Electrometer
- **Smoke and Dust Elimination:** Filter reduces effects to negligible level
- **Display:** Monochrome Graphic LCD with backlight
- **Front Panel Controls:** Off-On, Back Light, Alarm Pre-Set Button
- **Calibration:** Calibration with Radon gas.
- **Computer Port:** RS-232 serial port (standard) USB or LAN Optional
- **Data Output:** **WIN-W:** Win-Wedge data logging software for users PC.
- **Case:** Rugged, weatherproof

### DIMENSIONS:

- **Portable System Excluding handle:** 7" W x 11.5" L x 7.5" H
- **Weight:** 9 lbs

### POWER:

- **AC Operation:** 100-240VAC / 7.5 DC Adapter
- **Battery Operation:** 3.6V / 10 Ah Rechargeable Li-Ion; 24 hours between charges

### ACCESSORIES & OPTIONS:

- **Alarm:** **RAL-3A:** Remote Alarm (audible & visual), includes 25 ft. of cable (Optional Cable length to suit, up to 500 ft)
- **Detector:** **HTR-7:** Heated Ion Chamber
- **Data Output:** BACNET compatible communications



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