



## Features

- Compact Digital Readout:
    - 6 Digit Rate
    - Digit Integrate
  - Small Lightweight 26 oz.
  - TBM Package
  - Linear Response
  - (2) Non-Pressurized Interchangeable Easy Clean Ion Chambers
  - Solid Wall Chamber
  - Open Screen Chamber (Shown)
  - Fast Response
  - Wide Range
  - Easy Change Ion Chambers
- Optional** Air Pump For Solid Wall Chamber

## Application

Whenever a fast, sensitive Radon Detector is needed, the **TBM-IC-RN** detects 10 picoCi/l in 5 seconds and detects public release level in less than 10 minutes.

The **TBM-IC-RN** ion chamber is small and lightweight. It uses stable, essentially drift-free electrometer technology.

# Portable Radon Monitor

**Model: TBM-IC-RN**

## Description

The **TBM-IC-RN** consists of a 3" dia x 5" long air ion chamber coupled to a stable solid state

MOSFET input electrometer with built in Analog to Digital converter to read out directly in a nanoCi/liter.

Range is 10 picoCi/l to 1  $\mu$ Ci/l. Easy change Ion Chambers allow conversion between chambers.

Two non-pressurized ion chambers are included; an open screen chamber, and a solid wall chamber.

### **OPEN SCREEN CHAMBER:**

- Designed for measuring ambient radon and no air pump is required. A cloth sleeve is provided as an accessory.

### **SOLID WALL CHAMBER:**


- Designed for a sample to be pulled from a closed space such as a hood, glove box, or other enclosed spaces. A pump is required for the solid wall chamber and is offered as an option.

- It has 2 self-sealing detachable hose barbs providing immediate grab sample and read out, eliminating excess labor, delay, and cost.

- User can collect sample air and measure in place or disconnect the 2 hoses thus sealing the chamber and relocate to a cleaner environment to take the reading from the captured grab sample.



**TECHNICAL ASSOCIATES**  
**OVERHOFF TECHNOLOGY**

DIVISIONS OF  
 US NUCLEAR CORP

7051 ETON AVENUE, CANOGA PARK, CA 91303 | 818-883-7043 | F: 818-883-6103  
RGOLDSTEINTA@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM