



# Make Homes Healthier

Testing is easy and cost effective with  
Sun Nuclear Continuous Radon Monitors



Your Partner in Radon Measurement

# ACCURATE, RELIABLE, & ECONOMICAL

Quick and easy to use. Simply place the device in an appropriate location and press start. When the test is complete you can view the summary, or download results to a computer.

Model 1028™

**NEW!** Model 1030™  
RadonSentinel™



Model 1027™



Model 1027 NRSB/NRPP Approved

### Model 1027™

Making its debut in 1997, the Model 1027 Continuous Radon Monitor is the industry's most widely used radon monitor. Utilizing a patented diffused junction diode detector, the 1027 provides a simple digital display of the measured radon value as well as a report that is stored in the monitor. The 1027 can complete a professional report on-site with the optional compact thermal printer or with the included PC software at a later time.

Using line power, the 1027 includes backup a 9-volt battery to continue measurement in the event of power failure as well as an internal motion sensor that detects and reports movement. The unit is completely reusable; simply clear the memory and it is ready for a new test.



Model 1028 NRSB/NRPP Approved

### Model 1028™

With the same dependable technology as the 1027, the 1028 is programmable for duration, interval and delay. The large 16 character LCD display guides the user through a simple set up process to input the inspection company information, address, state license numbers and phone numbers. This information is stored in memory and printed on each report.

A time/date clock automatically records start/stop times and prints alongside hourly intervals. A delay can be selected to meet proficiency programs for closed building procedures and can power down when testing is complete. The 1028 operates on battery power for 100+ hours and notifies the technician of battery status prior to performing a measurement. With the included PC software, the technician can customize their own report.



### Model 1030™ - RadonSentinel™

This unit adds environmental sensors that continuously record temperature, barometric pressure and relative humidity to further assist with closed building procedures. The Radon Sentinel has the highest sensitivity of all our monitors (15 cph/pCi/l).

## Software Features for All Models

- Allows the technician the ability to define their own unique reports
- Allows "read only" time and date results to prevent tampering once the test is complete
- Weather and test site conditions can also be added along with customer address and contact information
- Add photo images of the monitor location in the home

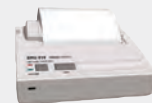
## Visit [sunradon.com](http://sunradon.com)

See our web site for details on calibration service and support, carrying cases and printers, accessories and more.

## Available Accessories



Model 1027 Single Monitor Carrying Case



Models 1027 and 1028 Thermal Printer

Print a complete professional report on site with the optional thermal printer.



Model 1028 Heavy Duty Carrying Cases

A heavy-duty double case can accommodate one monitor and one printer or two radon monitors. Single monitor cases are also available. Cases include custom cut inserts and are weather proof.

# Specifications

## Model 1027™

Detector Type:	1 diffused junction photodiodes	Display:	3 digit numerical LED
Measurement Interval Selections (hr):	1 (4, 8, 24 internal switch)	Power Supply:	Transformer converts 120 VAC, 60 Hz to 12 VDC, 200mA International requirements: 110-230 VAC 50/60 Hz converted to 5 VDC, 500 mA USB or power adapter
Sensitivity:	2.5 cph/pCi/L, 0.07 cph/Bq/m <sup>3</sup>	Accuracy:	± 25% relative to NIST standard SRM 4973
Operating Environment:	45° to 95° F (7° to 35° C)	Computer System Requirements:	Windows 7 or above
Measurement Ranges (pCi/L):	0.1- 999	Dimensions W/L/H (in):	8 x 4.7 x 2.5
Button Keypad:	2 button operation	Weight (lbs):	2
Battery Operation:	9 V Alkaline; backup power only (approx. 20 hours)		
Computer Cables Included:	9 pin RS-232 serial, 6 foot *IOGEAR USB adapter required and supported		
Disturbance Detector:	Report shows "T" for (tamper)		

## Model 1028™

Detector Type:	1 diffused junction photodiode	Disturbance Detector:	Report shows "M" for (motion)
Measurement Interval Selections (hr):	1, 2, 4, 8, 12, 16, 20, 24	Display:	16 character LCD
Sensitivity:	2.5 cph/pCi/L, 0.07 cph/Bq/m <sup>3</sup>	Power Supply:	Transformer converts 120 VAC, 60 Hz to 12 VDC, 200mA International requirements: 110-230 VAC 50/60 Hz converted to 5 VDC, 500 mA USB or power adapter
Operating Environment:	45° to 95° F (7° to 35° C)	Accuracy:	± 25% relative to NIST standard SRM 4973
Measurement Ranges:	0.1- 999.9 pCi/L, 1-99.99 kBq/m <sup>3</sup>	Computer system requirements:	Windows 7 and above
Button Keypad:	6 momentary switches provided in a sealed membrane overlay	Dimensions W/L/H (in):	4.6 x 8.2 x 3.9
Battery Operation:	9 V Alkaline; up to 100+ hours of operations when line power not in use (battery must be kept installed at all times)	Weight (lbs):	3
Computer Cables Included:	Standard USB, 6 foot		

## Model 1030™ - RadonSentinel™

Detector Type:	6 diffused junction photodiodes	Temperature Detector:	Range: 45 °F - 95 °F (7 °C - 35 °C) Accuracy: 2 °F (1 °C)
Measurement Interval Selections:	0.5, 1, 2, 4, 8, 12, 16, 20, 24 hr	Pressure Detector:	Range: 20.4 - 30.5 inHg (69-103 kPa) Accuracy: 1.0 inHg (3.4 kPa) Resolution: 0.04 inHg (0.14 kPa)
Delay Selections:	0, 12, 24, 48 hr	Disturbance Detector:	Report shows "M" for motion
Duration Selections:	1, 12, 24, 36, 48, 60, 72, 84, 96, 100, hr or Long Test	Display:	16 character LCD
Sensitivity:	15 cph per pCi/L	Power Supply:	110-230 VAC 50/60 Hz converted to 5 VDC, 500 mA USB or power adapter
Accuracy:	± 20% relative to NIST standard SRM 4973	Computer System Requirements:	Windows XP and Windows 7
Operating Environment:	45° F - 95° F (7° C - 35° C), 20% - 90% humidity, non-condensing	Dimensions (W x L x H):	5.5 x 9.6 x 4.4 in
Measurement Ranges:	0.1-9999 pCi/L, 1-369996 bq/m <sup>3</sup>	Weight:	3.75 lbs
Humidity Detector:	Range: 20-95% Accuracy: ± 5% Resolution: 1%		

### AARST-NRPP Approved

1028 Device Code 228, Device Group 4  
1027 Device Code 223, Device Group 4

### NRSB Approved

1028 Device Code 31821  
1027 Device Code 31807



sunradon.com // +1 321 259 6862

Corporate Headquarters: 3275 Suntree Boulevard, Melbourne, FL 32940 USA