

Your Virtual Office 24/7

RTCA's "E-Smart Radon Monitoring Service"™

**REPORTS
HOURLY RADON and
TEMPERATURE READINGS**

**PLUS THE FEATURES
THE INDUSTRY'S
BEEN WAITING FOR:**

POWER:

Year Long Battery – No AC Power Required
Monitors can be used immediately for next test

OPERATION:

12 Hour Delay – no need to return to secure
closed house conditions
Choose all data points or only last 48 hours

SOFTWARE:

Self-Checking Electronics
Database maintains all test information –
never touch a piece of paper

REPORT GENERATION:

Reports generated within minutes or subscribe to
Fax Back Service 24 hours / 7 days a week
Hourly intervals and graphic display

CAPACITY:

Stores 240 Data Points – 10 days of hourly data



CONTINUOUS RADON MONITOR

**EASY TO USE
EASY TO PLACE
EASY TO ADD CAPACITY**

RTCA

RADON TESTING CORPORATION OF AMERICA

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Comments from the Field...

“...extremely easy to use, and I am not computer literate. ... Like having all of the data about the test in one easy to access place. Like having to enter data only once. Like having client info separate from site info. Like simplicity of generating the test report.”

“Battery operation is great. Saves money in not having to return to new home sites because power is not available... Avoids having to explain away loss-of-power indicators from other monitors from power outages that never have anything to do with tampering. For example, at new home sites, construction workers are always tripping breakers. Avoids losing tests when backup batteries fail like in other devices.”

“Like... placing the Radon Monitor: lie it down, stand it up or hang it. We ended up hanging it with a locking chain. We put a dedicated chain on every handle. Hanging... gets it out of the homeowner’s way and we know it can’t be moved.”

“12-hour start delay is great because we almost always find that the house is open.”

Model MR-2000-S SPECIFICATIONS

Radiation Detected	Alpha particle emission from the decay of Radon-222 and its progenies Background gamma and beta radiation	Temperature Sensor Range	0 to 140°F
Detector	Continuously operating, current-type ionization chamber	Accuracy	+/-3.6°F
Reporting Range	0 to 99.9 picocuries per liter (pCi/l)	Resolution	+/-1°F
Nominal Sensitivity	0.2 alphas/minute per pCi/l	Display	Yellow LED (signals successful start of test)
Sampling Mode	Passive air diffusion	Controls	Controlled by internal firmware and external software
Maximum Test Duration	240 hours (10 days)	External Software Controls	Start test Stop test Retrieve test stopped, but not retrieved data Set test start date and time Set test start delay interval Set closed house status indicator Set side-by-side test status indicator
Data Stored in Hourly Data Records for Each Test	Alpha histogram Background gamma level Battery level Temperature Noise signature Relative time Electronics self-check status Ion chamber operational modes' time Hourly record number	Internal Firmware Controls	Stop test before data overwrite Set self-check status flags
Data Stored on a Per Test Basis	RMP device code Serial number Firmware version Calibration date Calibration coefficients Lifetime cumulative alphas Radon test number Last side-by-side test number Side-by-side test indicator Test start (internal clock) Test stop (internal clock) Test start data and time from user interface Closed house conditions indicator Test start delay period Total hourly records collected	External Outputs	9-pin RS-232 (requires supplied cable or equivalent)
		Power: Source	Alkaline and lithium batteries (non-user-replaceable)
		Capacity	Exceeds one year calibration interval
		Size: Height (with handle)	7-1/4 inches
		Width (across flats)	4-3/8 inches
		Weight	1 pound, 7 ounces
		Environmental Operating Range	
		Relative Humidity	0 to 95% non-condensing
		Temperature	1 to 122°F (while operating) 1 to 140°F (in storage)
		US Patents	4,769,547; 4,804,847; 4,970,391

The specifications in this publication do not include normal manufacturing tolerances. Therefore, this Radon Monitor may not match the listed specifications exactly.

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Primary System

The E-Smart Radon Monitor System can be ***purchased or leased*** for use as a primary monitor. Print your own reports on-site or at office.

PURCHASE PROGRAM — PRIMARY SYSTEM

Radon Monitor Starter System Includes: One Radon Monitor Software Null Modem Cable Protective Case	Item Code MR2000	Unit Price \$2250.00
Components for Adding Capacity Includes: Radon Monitor Protective Case	Item Code CRM CASE	Unit Price \$1600.00 \$20.00

RENTAL PROGRAM — PRIMARY SYSTEM

Radon Monitor Starter System Includes: One Radon Monitor Software Null Modem Cable Protective Case	Item Code CRM-R1	MONTHLY FEE \$125.00
Components for Adding Capacity Includes: Radon Monitor Protective Case	Item Code CRM-R2	MONTHLY FEE \$100.00
RENTAL PROGRAM SET UP FEE (Set up fee is a one-time charge to establish new customer account)	SETUP	\$150.00

Fax-Back Service

The E-Smart Radon Monitoring Service is designed for professional testers who do not want to be responsible for analysis. At end of measurement period, upload the data from the monitor over phone line or via internet to RTCA's file server. Within minutes the data is checked and a results report can be faxed to up to 2 different locations. Hard copies of results reports will be mailed by RTCA the next business day. Let RTCA be your radon measurement lab and radon specialist.

RENTAL PROGRAM — FAX-BACK SERVICE

Radon Monitor System Includes: One Radon Monitor Software Null Modem Cable Protective Case Unlimited Test Reports	Item Code FAXFLAT	MONTHLY FEE \$165.00
Radon Monitor System Includes: One Radon Monitor Software Null Modem Cable Protective Case Fee Per Test Report	Item Code FAXUNIT	MONTHLY FEE \$50.00 rental plus \$25.00 per test
RENTAL PROGRAM SET UP FEE (Set up fee is a one-time charge to establish account)	SETUP	\$150.00

Above prices in U.S. Dollars, F.O.B. Elmsford, New York. Prices do not include shipping & handling charges. Sales tax is applicable for NY, NJ & CT customers with Purchase Program. Prices subject to change without notice.