



CRM Specifications

RADIATION DETECTED	Radon-222 Alpha
DETECTOR	Pulsed Ionization Chamber
ELECTRONICS	Microprocessor Controlled Non-Volatile Memory Internal Modem
DYNAMIC RANGE	0.5 to 2500 pCi/l
UNITS	picoCuries Per Liter of Air
SENSITIVITY	0.33 CPM Per pCi/l (Only 0.008 CPM fixed background)*
LINEARITY	0 To 2500 pCi/l (less than 10% deviation)
OPERATING MODE	Passive Air Diffusion
DATA STORAGE	120 One Hour Data Points (5 Days)
TEMPERATURE SENSOR	Range 0-122 degrees F
BAROMETRIC PRESSURE	Range 0-38 "Hg
RELATIVE HUMIDITY	Range 10-90%
BUILT-IN CHECK SOURCE	Routine Performance Check Before Every Test Yield:10,000 CPM
DISPLAY:	
ALPHANUMERIC CHARACTERS	16 Character Two Line LCD
AC INDICATOR	Green LED
CONTROLS:	
ON-OFF SWITCH	Either Key Switch or Toggle
TWO MOMENTARY PUSH BUTTONS	Multifunction, Select & Execute
EXTERNAL OUTPUT	Built-In Modem, External Phone Jack Pre-Programmed Toll Free Data Upload No. Digital Cell Phone Upload Command Option
POWER SUPPLY	Use 12V/120V AC/DC Adaptor Or 12V 1.2 Ah Rechargeable Battery (72 Hr. Operating Capacity)
DIMENSIONS	12" X 12" X 3.25"
WEIGHT	12 lbs.



MONITOR FEATURES

1. Hourly Record of Radon, Temperature, Relative Humidity and Barometric Pressure
2. Auto-Discards 1st Four Hours of Data from Average as per EPA CRM Device Protocol
3. 12-hour Delay Option (use when windows weren't closed for 12 hours prior, as per EPA Protocol)
4. 24-hour Delay Option (to meet 24 hour minimum mitigation operation as per EPA Protocol)
5. Built-In Check Source (Performs Routine Instrument Performance Check before every test as per EPA CRM Device Protocol)
6. Displays message after meeting EPA's Minimum Required Deployment Time
7. 40 Second Toll-Free Data Upload via Conventional Telephone or Cellular 24 hrs/day
8. Built-In Clock
9. Power with either AC Adaptor or Battery
10. Built-In Rugged Steel Case

ANALYSIS SERVICE FEATURES

1. Inspector transmits property and client info electronically via eRadalink.com
2. Radalink performs data analysis and reviews for anomalies including suspicion of tampering
3. Radalink prepares personalized report and delivers via email (as PDF attachment) to technician and up to five (5) additional recipients including buyer, agent, relocation company, closing attorney within the hour*
4. Radalink automatically sends text message of test result to technician's cellular phone
5. Radalink attaches an addendum to invalidate result if in professional opinion EPA Protocol was violated
6. Radalink replaces each monitor annually when due for calibration
7. In the rare event of a malfunctioning field monitor, Radalink replaces via overnight express and reimburses technician the cost of a retest if necessary
8. Radalink provides complete SOP and QA Plan approved by every regulated state
9. Radalink provides toll-free customer service counseling to homebuyers and agents about interpreting test results and EPA or state recommendations
10. Radalink auto-tracks Worker Exposure for all test placement technicians
11. Radalink submits all state required activity reports on behalf of technicians
12. Radalink displays Monitor Calibration Date on every report

*For data uploads received Monday-Friday between 8 am-7 pm ET or between 10 am-2 pm ET Saturdays