

Some of the features offered by this unique combination of computer control and open grid pulsed ion chamber detector are:

Features

- Real time radon measurements (hourly and total test data)
- Passive sampling (no pumps needed)
- Choice of units (pCi/L or Bq/m³)
- Temperature (°F or °C)
- Barometric pressure (Hg or kPa)
- Relative humidity (%)
- Windows™ compatible (data downloadable to PC, Windows 95 and above)
- Graphic printouts (bar graph)
- Alpha-numeric printouts (table view of data)
- Built-in RS-232 interface port
- Built-in parallel printer port (Epson® data)
- LCD screen display
- Permanent EPROM based operating system
- EEPROM data storage (retains data without battery power)
- Built-in download software
- Keyed security lock
- Anti-tamper motion detectors
- Concealed-screen test mode (stealth mode)
- Real time clock
- Nuclear pulse simulation (systems check at start of each test)
- One-year power pack (no charging between tests)

Model CRM-510LP Specifications

| | | | |
|------------------------------|---|--------------------------------------|--|
| Radiation Detected: | Radon-222 Alpha | Controls | |
| Detector: | Air Ionization chamber | Key Switch: | OFF, I/O, & RUN positions |
| Dynamic Range: | 0.5 to 2000 pCi/L (18 to 74000 Bq/m ³) | Two Momentary Push Buttons | Multifunction menu driven select & execute |
| Units: | pCi/L or Bq/m ³ | Self Test | |
| Sensitivity: | 0.3 CPM per pCi/L (Nominal) (0.008 CPM per Bq/m ³) | All Batteries | Alkaline and lithium |
| Linearity: | 0 to 2000 pCi/L (<10% deviation) | Electrometer | Nuclear pulse simulator |
| Tamper Detection | Tilt monitor | External Output (Male DB-25P) | |
| Sampling mode: | Passive Air Diffusion | Serial: | RS-232C |
| Operating Modes | | Parallel: | 8 Bit simplified Centronics |
| Data Collection: | Elastice time displayed | Power | |
| Data Printing | Seiko/Epson® graphics data | Electrometer | Four 9 V alkaline (nominal life 1 yr.) |
| Downloading | ASCII data | Computer/Data Logger | 7.2 V, 7.2 ah lithium (nominal life 1 yr.) |
| Data Storage: | 192 one-hour data points (8 days) | Size | |
| Environmental Sensors | | Height (with Handle) | 137 mm (5.4") |
| Temperature | Range 50 - 104°F (10 - 40°C) Sensitivity +/- 1°F (+/- 0.5°C) | Width | 160 mm (6.6") |
| Barometric Pressure | Range 0 - 38 Hg (0 - 127 kPa) Sensitivity +/- 0.2 Hg (+/- 0.5 kPa) | Depth | 190 mm (7.4") |
| Relative Humidity | Range 10 - 90% Sensitivity +/- 5% | Weight | 1.8 kg (4 pounds) |
| Display | | Environmental Operating Range | 10 to 40°C (50 - 104°F) |
| Alphanumeric Prompts | 16-digit one-line LCD | Humidity | 10 - 90% RH, noncondensing |
| Pulse Indicator | Red LED | | |

The introduction of the **CRM-510LP** adds new user friendly and quality features including: **A Real Time Clock, Nuclear Pulse Check System and a Power Pack Battery System.** This allows you to perform testing for **a full year with no battery charging needed.** It is truly what the professional radon testers have asked for.

We have also added the **ability to upload your test data directly to a template on Windows™ based computers,** thus allowing printing, emailing or faxing a complete custom report to your clients.

WHY SHOULD YOU USE A NEW CRM-510LP?

Our present users tell us: It's the quality product, excellent service and support they receive.

Most state: It's the confidence and credibility of knowing that by using an industry standard to perform environmental tests for their clients it will reflect on their reputation.

We state: Truly State of the Art Instrumentation! Proven Quality, Service and Support!
Lower cost per test than other methods of detection! USEPA and Industry proficient!

When you provide the very best, your reputation precedes you!

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