

Continuous Radon Monitor



Model : CRM-1

용도

Applications

- + 실내의 라돈 연속 측정
- + 장기간 라돈 연속 측정
- + 공정의 라돈 연속 측정

특징

Features

- + RS232, RS485 Data Output 지원
- + 전원 중단 시 내장 배터리 작동 가능
- + 4~20mA Output 지원(option)
- + 사용자 알람 설정 가능
- + 경음기, 경광등 설치 가능(option)

SPECIFICATIONS

GENERAL

Mode of Operation	Continuous
Sample & Count Periods	User Programmable
Maximum Counting Rate	15,000 cps
Electronic Background	< 0.4 cpm

DETECTOR

Detector	Pylon Model 200A Lucas Type Active Cell
Detection Specifications	Please refer to the Active Cell brochure

POWER

Power Supply Requirements	120 / 240 VAC, 50 / 60 Hz, 3 A
Battery Type(s)	1) Integrated 6V gel cell 2) Integrated Lithium battery for RTC circuit
Battery Operating Time	72 Hrs (Pump off)
Battery Charge Time	16 Hrs

FEATURES	
Display	20 Character by 4 Line Backlit Graphic Liquid Crystal Display
Memory	2048 data points (85 days at 60 min intervals)
Data Port	1) RS-232 via 9 pin D-Sub Connector 2) 5V TTL Negative Going Pulse via BNC Connector 3) RS-485 via 9 pin D-Sub Connector (Optional. Replaces RS-232 Signals.) 4) 4 - 20 mA via Mil Style Connector
Low Battery Indicator	Displays "Low Battery"
PUMP	
Pump Flow Rate	50 to 500 ccm - Through the Detector Cell
Filter type	1um, 47mm Cole Parmer H-06646-12 or equivalent
ALARMS	
Alarm Level	Programmable
External Alarm Output	Isolated contact, 1A nominal @ 24V
ENVIRONMENTAL	
Operating Temperature Range	0 to +50 °C (-32 to +122 °F)
Storage Temperature Range	-20 to +60 °C (-4 to +140 °F)
Relative Humidity Range	0 to 90 % - Non-Condensing
DIMENSIONS	
Length	22.2 cm (8.75 in)
Width	40.6 cm (16 in)
Height	57.2 cm (22.5 in)
Weight	18 kg (40 lb)

CONFIGURATIONS

Radon Monitor CRM-1	1 ea
Weather Resistant Enclosure	1 ea
RS232 port / PC Software	1 ea
Rotary Vane Pump	1 ea
Rechargeable Battery	1 ea

OPTIONAL ACCESSORIES

4-20 mA Current Loop Port	1 set
External Visible and Audible Alarm System	1 set