Smart Radon Sensor & Radon Monitor

Radon FTLab

Innovative New Radon Sensor & Monitor

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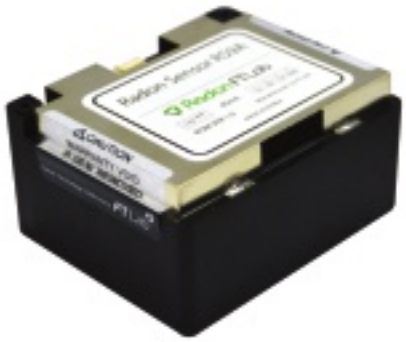
RS9A : Radon Gas Sensor



SPECIFICATION

- Type : pulsed ion chamber
- First data out : < 60min
- Data interval : 30min update
- Sensitivity : 0.3cpm/pCi/l
- Operating range : 10~40℃, RH < 80%
- Range : 0.2 ~ 99.9pCi/l (3,700Bq/㎥)
- Precision : <±15% at 10pCi/l
- Accuracy : <±15% (min. error <±0.7pCi/l)
- Size : W60 x D72 x H37(mm)
- Data communication : UART

IAQ monitor

Air purifier

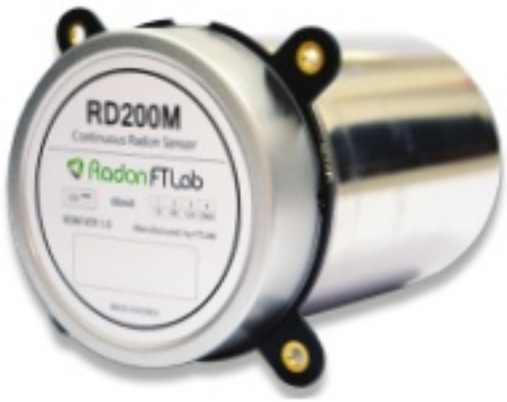
Applications

- Radon sensor for IoT
- IAQ monitor
- Air purifier
- Auto ventilation system

RD200M : Radon Gas Sensor

SPECIFICATION

- Type : pulsed ion chamber
- First data out : < 60min
- Data interval : 10min update (60min moving average)
- Sensitivity : 0.5cpm/pCi/l
- Operating range : 10~40℃, RH < 80%
- Range : 0.2 ~ 99.9pCi/l (3,700Bq/㎥)
- Precision : <±10% at 10pCi/l
- Accuracy : <±10% (min. error <±0.5pCi/l)
- Size : Φ68(mm) x 98(mm)
- Data communication : UART



RadonEye (RD200) : Smart Radon Detector for Home owner

SPECIFICATION

- Type : pulsed ion chamber 200cc
- First data out : < 60min
- Data interval : 10min update (60min moving average)
- Sensitivity : 0.5cpm/pCi/l
- Range : 0.2 ~ 99.9pCi/l (3,700Bq/㎥)
- Precision : <±10% at 10pCi/l
- Accuracy : <±10% (min. error <±0.5pCi/l)
- Data communication : Bluetooth LE (Android/iOS)
- Data log : max 1year (1h step)
- Power : 12V 1A DC adapter

Smart phone App

It available for all introduced products

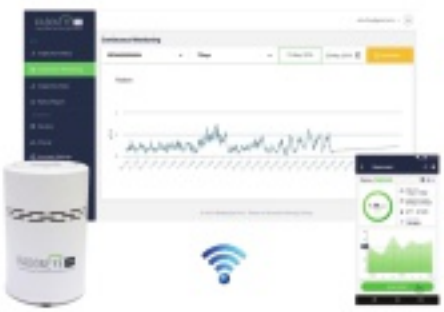
RadonEye Plus2 (RD200P2) : Internet Connectable Radon Detector

Smart phone App

SPECIFICATION

- RMNS (Web Service) Available
- Range : 0.2 ~ 255pCi/l (9,435Bq/㎥)
- Radon, Temperature, Humidity
- User Friendly Graphic App
- Data communication : Bluetooth LE (Android/iOS), Wi-Fi
- Data log : Max 1year (1h step)
- Power : 12V 1A DC adapter

RadonEye Pro (RD200P) : Professional Continuous Radon Monitor



SPECIFICATION

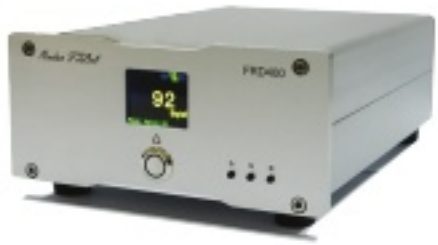
USA NRPP approved device for professional (CR-8306)

- Type : pulsed ion chamber
- Sensitivity : 0.5cpm/pCi/l (30cph/pCi/l)
- MDC : 0.18 pCi/l
- Range : 0.2 ~ 255 pCi/l (9,435 Bq/㎥)
- Precision : <±10% at 10pCi/l (after 1 hour)
- Accuracy : <±10% at 10pCi/l (min. error <±0.5pCi/l)
- Data storage capacity :
  - Inspection mode : Max 240h x 10 (2,400 data points)
  - Continuous mode : 300days (7,200 data points)
- Data storage Interval : 1h (10min update)
- Data communication : Bluetooth LE (Android/iOS), Wi-Fi
- Operating Range : 34~104°F (1~40℃), RH < 80% (No condensation)
- Power : 12V 1A DC Adaptor
- Size : ΦH4.92 x D3.15 (in), 8.82(oz) / ΦH125 x D80 (mm), 250g
- Display : OLED

FRD400 : Affordable Price Product for Institute

SPECIFICATION

- Type : pulsed ion chamber 400cc
- Data saving interval :1h
- Sensitivity : 0.8cpm/pCi/l
- Operating range : 10~40℃, RH< 80%
- Range : 0.2~99.9pCi/l, 1~3,700Bq/m³
- Precision : <±8% at 10pCi/l
- Accuracy : <±10% at 10pCi/l (min, error <±0.35pCi/l)
- Air supply : forced air fan
- Power : 5V 2A DC adapter
- Size : W167 x D230 x H78(mm)
- Weight : 1.5kg

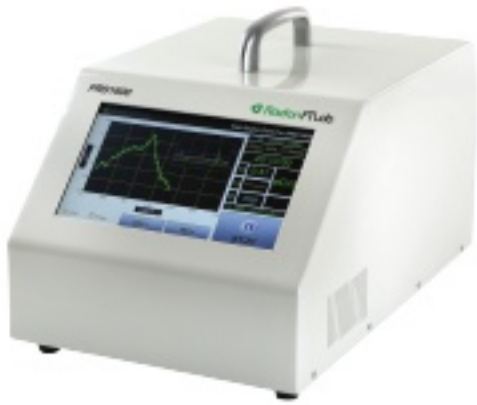


- Data communication : Bluetooth LE, USB to PC
- Data log : 10 slots, 60day / slot
- Display 10 : 1.8 inch TFT-LCD

FRD1600 : High Precision Product for research

SPECIFICATION

- Type : pulsed ion chamber 400cc x 4ch
- Data saving interval : 10min, 20min, 30min, 1h
- Sensitivity : 3cpm/pCi/l
- Operating range : 10~40℃, RH < 80%
- Range : 0.05~99.9pCi/l, 1~3,700Bq/m³
- Precision : <±3% at 10pCi/l
- Accuracy : <±3% at 10pCi/l (min. error <±0.2pCi/l)
- Air supply : forced air fan or internal pump 0.5LPM(option)
- Power : 5V 2A DC adapter
- Size : W205 x D320 x H190(mm)
- Weight : 3.9kg
- Analog out ch : 4ch , α detection waveform 0~3V
- Display : 7 inch touch panel TFT-LCD



- Data communication : RS232, Bluetooth LE
- Data log : 10 slots, each slot has 10min step, 10days storage capacity per slot

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