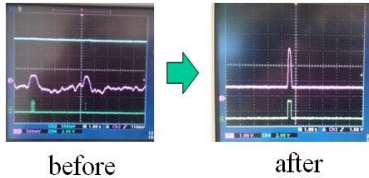


# FRD400

## Fast Radon Monitor

### DESCRIPTIONS

FRD400 is a fast & precision radon monitor. It's sensitivity is **0.8cpm/pCi/l** by 400cc pulsed ion chamber & FTLAB's high stable special circuit technology.



Minimum measurement time is just **30min** after measurement start. Also the accuracy is  $< \pm 10\%$  at 10pCi/l. Also 1.8inch TFT LCD & simple operating process gives user's convenience. Economic cost of FRD400 gives the best price performance among the conventional radon monitors.

### SPECIFICATION of FRD400

- Type : pulsed ion chamber 400cc
- **Data saving interval : 1h**
- **Sensitivity : 0.8cpm/pCi/l at 10pCi/l (48cph/pCi/l)**
- Operating range : 10~40°C, RH < 90%
- Range : 0.1 ~ 99.99 pCi/l , 1~9435 Bq/m<sup>3</sup>
- Precision :  $< \pm 8\%$  at 10pCi/l
- Accuracy :  $< \pm 10\%$  at 10pCi/l (min. error  $< \pm 0.35\text{pCi/l}$ )
- Air supply : forced air fan
- Power : DC 5V, 0.6A (5V DC adapter)
- Size : W167 x D230 x H78(mm)
- Data communication : Bluetooth LE, USB to PC
- Data log : 10 slot, 60day / slot
- Display : 1.8 inch TFT-LCD
- Weight : 1.5kg
- Air flow : 5L/minute

### Applications

- indoor real time radon monitoring
- inspection of radon concentration



<smart phone App>



<typical front panel view >



<easy operating buttons>

### Ordering information

- contact point : [sales@ftlab.kr](mailto:sales@ftlab.kr)
- All products are made in KOREA