

AlphaGUARD PQ2000 PRO

Radon monitor

- AlphaGuard is a portable equipment designed for instantaneous or continuous measurement of radon gas activity (Rn-222).

- Real time measurement of Radon concentrations
- Principle: passive or active (AlphaPump) diffusion through an ionisation chamber
- Analysis and storage of measurement via DataEXPERT software
- Reliable measurement in all environmental / weather conditions
- Worldwide reference used to calibrate other radon equipment



Radon in air



Radon in the ground



Radon in water



Technical characteristics

Measurement via alpha spectrometry

(sensitivity 5 cpm for 100 Bq/m³)

Measuring range: 2 Bq/m³ to 2 000 000 Bq/m³

Measuring cycle: - passive mode: 10 min or 60 min
- active mode: 1 min or 10 min

Memory: 1 months with a 10 min cycle

Dimensions: 175 x 615 x 120 mm³

Weight: 4,5 kg

Power supply: main or batteries

Internal temperature, pressure, relative humidity (%) sensors

Applications

Radon in air measurement in houses, schools, sport centers, ...

Evaluation of radon activity in the ground

Evaluation of radon activity in the water

Evaluation of radon activity in materials

Evaluation of radon progeny

Accessories (options)

AlphaPUMP (radon penetration flow survey)

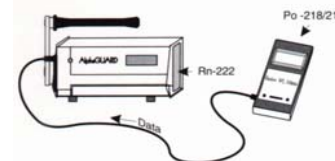
AquaKIT (radon activity in the water)

TN-WL-02 head (Evaluation of radon progeny)

Gamma dose rate sensors

RadonBOX (Radon in the ground)

Radon and progeny



Radon in materials

