

# AlphaGUARD P30

## 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 diffusion through an ionisation chamber
- Analysis and storage of measurement via DataEXPERT software
- Reliable measurement in all environmental / weather conditions
- Worldwide reference



### ➤ Technical characteristics

**Detector:** Ionisation chamber. HV = 750V  
 Volume: 0.62 liter  
 Measurement via alpha spectrometry  
 (sensitivity 5 cpm for 100 Bq/m<sup>3</sup>)

**Measuring range:** 2 Bq/m<sup>3</sup> to 30 000 Bq/m<sup>3</sup>

**Measuring cycle:** 10 min or 60 min

**Memory:** 20 days with a 10 min cycle

**Dimensions:** 175 x 615 x 120 mm<sup>3</sup>

**Weight:** 4,5 kg

**Power supply:** main or batteries  
 Internal temperature, pressure, relative humidity (%) sensors

### ➤ Accessory (options)

RadonBOX (Radon in the ground): Bq/cm<sup>2</sup>/s

### ➤ Applications

Radon in air measurement in houses, schools, sport centers, ...  
 Evaluation of radon activity in the ground

Radon in air



Radon in the ground