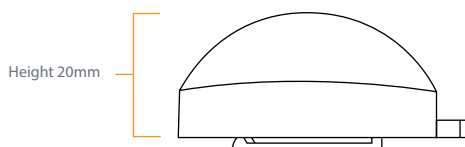




Alpha track detector for long-term measurements

- A reliable detector for all your measurement needs
- An exceptionally large range allows radon levels to be measured from as low as 15 Bq/m³ to as high as 25,000 Bq/m³ during a three month period
- Detector employs alpha track technique
- Detector consists of film elements inside cups made from anti-static plastic
- Radon enters detector by diffusion
- Detector analysis is performed using state-of-the-art image scanner
- Exposure results are expressed in Bq/m³



Technical Specifications

Detector	Dwellings/Workplaces and as Dosimeter
Measurement Range (Bq/m ³)	15 - 25,000 at three months
Measurement Range (k Bqh/m ³)	30 - 50,000
Normal Exposure Duration (days)	90 - 365
Uncertainty (%)	6% at 400 kBqh/m ³ (3 months at 200 Bq/m ³)
Basis of Uncertainty	1 sd
Detector Sensitivity ({tracks/cm ² } / {Bqh/m ³ })	2.2
Typical Background (kBqh/m ³)	15
Standard Deviation on Background (kBqh/m ³)	4
Diameter (mm)	58 (63.5 with hanger)
Height (mm)	20 (23 with clip)
Holder Type	Closed, with filter
Holder Design	NRPB/SSI (black)
Holder Antistatic Measures	Conducting holder
Detector Material	CR39/PADC