

Radon Scout



Technical Data

Measurement Range: 0 ... 10 MBq/m³

Sensitivity: 1.8 cpm @ 1000 Bq/m³ (independent on the humidity)
200 Bq/m³ with 20% statistical error (1 σ) at 1 hour interval
1000 Bq/m³ with an statistical error (1 σ) < 10 % at 1 hour interval
100 Bq/m³ with 17% statistical error (1 σ) at 3 h interval

Response Time: 120 Minutes to 95% of the final value

Internal Sensors for: Relative humidity (0 .. 100%)
Temperature (-20 .. 40°C)
Tilt

Integration interval: 1 hour and 3 hours or customised

Storage: Non volatile, last 672 data records
Clock: Internal real time clock
Power supply: 2 x D-size cell (NiCd, NiMH or Alkaline)
Battery operation: > 90 days
Control: single switch, measurement/stand-by (lock-function)
Interface: RS232, USB
Size: 175 x 135 x 55 mm, weight 800 g (incl. Battery)

Software: Radon Vision, included

- Set-up, data download (also via modem – analogue line, ISDN, GSM)
- Interactive graphical display (zoom, pan, fit data-cursor, marker for tilt and start of a new measurement, error bars, smoothing)
- Selective ASCII export (EXCEL format)
- Selective graphical protocol print (space for individual header, user comments)
- Calculation of average concentration and exposure
- Automatic created file names and path structure
- Switch over between US and SI-units (Bq/m³/pCi/L)

Also available with display and more additional features (Radon Scout PLUS)

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