

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
- Potential-free switch contact (max. 24V/0,5A) for ventilation control or alert indication (Threshold level fixed to 300Bq/m³)
- Non volatile storage of the last 672 data records
- Internal real time clock
- Power supply 2 x D-size cell (NiCd, NiMH or Alkaline)
- Battery operation > 90 days
- Control by a single switch, measurement/stand-by (lock-function)
- Size 175 x 135 x 55 mm, weight 800 g (incl. Battery)
- Radon Vision Software included
 - Set-up, data download (also via modem – analogue line, ISDN, GSM, TCP-IP)
 - 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)

