Certified by US-EPA / NRSB (Code 31820) and other organizations worldwide


# Radon Scout PLUS

## 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 (1σ) at 1 hour interval
  - 1000 Bq/m³ with an statistical error (1σ) < 10 % at 1 hour interval
  - 100 Bq/m³ with 17% statistical error (1σ) 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)
  - **Barometric pressure (800 ... 1200 mbar)**
  - Tilt



- **Integration interval 1 ... 255 Minutes adjustable by software**
- **Non volatile storage of the last 16383 data records, RS232 and USB interface**
- Internal real time clock
- **Power supply 2 x D-size cell (NiCd, NiMH or Alkaline) and mains power**
- Battery operation > 90 days
- Control by a single switch, measurement/stand-by (lock-function)
- **3 x 16 characters display with back-light (US/SI units selectable by software)**
- Size 175 x 135 x 55 mm, weight 800 g (incl. Battery)
- Radon Vision Software included
  - Set-up, data download (also via ZigBee or 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)

SARAD GmbH, Wiesbadener Str. 10, 01159 Dresden, Tel 0351/6580712, Fax 0351/6580718 ***www.sarad.de***