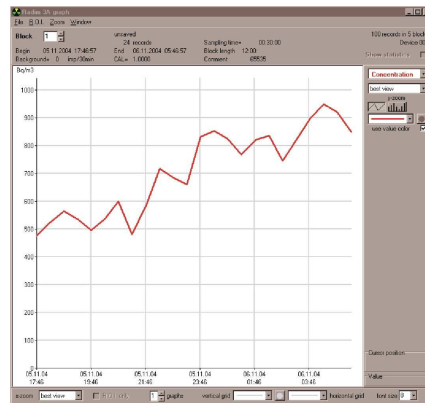


## Radim 3A

### Technical parameters



**measured quantity**

**working conditions**

**principle**

**response**

**detection limit**

**maximum concentration**

**calibration**

**precision**

**measuring time**

**reaction time**

**temperature**

**pressure**

**humidity**

**power supply**

**operation time**

**control**

**communication**

**specifications**

**weight**

**manufacturer**

$^{222}\text{Rn}$ -activity concentration in air, temperature, humidity, pressure

5 to 40°C, 10 to 90 % rel. humidity

electrostatic precipitation, spectrometry of  $^{218}\text{Po}$  on the surface of a semiconductor detector

0,8 impulses/h per  $\text{Bq}/\text{m}^3$

30  $\text{Bq}/\text{m}^3$

150 000  $\text{Bq}/\text{m}^3$

state meteorological Institute of the Czech Republic

± 12 % at 100  $\text{Bq}/\text{m}^3$  (time 30 min)

± 4 % at 1 000  $\text{Bq}/\text{m}^3$  (time 30 min)

± 1 % at 10 000  $\text{Bq}/\text{m}^3$  (time 30 min)

10 min to 24 h, adjustable

30 min

precision: 0,5°C

range: 750 to 1 150 hPa sensitivity 0,1 hPa, precision: 3 hPa, coefficient: 0,1 hPa/°C

range: 10 to 95 %, precision: 3 %

mains voltage or batteries

40 days with batteries

LCD-display and 3 buttons; or PC with Windows, data export to Excel, int. memory for 16 096 measurements

RS232

230 x 170 x 90 mm

2,5 kg

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## Radon Analytics

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