

# DOSE<sup>man</sup> PRO



## Technical Data

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Theory of Operation	Collection of the Radon daughter products at the surface of a filter by a continuous air flow permanent alpha spectroscopic analysis of the filter
Filter	3 $\mu\text{m}$ (PTFE) filter Diameter 17.5 mm 1 month replacement interval under normal conditions
Pump	Membrane pump 0.18 Lpm
Sensitivity	approx. 150 cpm @ 1000 Bq/m <sup>3</sup> (EEC)
Response time	2 hours (to 90% of the final value)
Integration interval	1 ... 255 Minutes, adjustable in 1 Minute steps
Operation	Single push button with „Lock“ function Display 3 x 12 characters, either US or SI units Acoustic alert
Memory	377 records and sum spectrum, non-volatile
Interface	Infrared data link with special adapter for the USB-Port of the PC
Power supply	internal rechargeable battery approx. 48 hours continuous operation Charging time approx. 2 hours
Housing	rough Aluminium enclosure with open sampling head Dimensions 138 x 57 x 32 mm Weight 300g
Software	Radon Vision

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