

Technical specifications of Alpha Guard, DF 2000

Supply and installation of Alpha Guard, DF 2000 with additional functions including pump and multi parameter analysis (Sensors to measure temperature, humidity and gamma dose rate). Relevant software for data transferring to Laptop/PC and data analysis option and latest available PC

1. Gases to be monitored: Radon
 2. Detector: Gas tight pulse ionisation chamber
 3. Integrated pump and large display
 4. Measurement mode: Diffusion (Radon), flow (Radon), Flow (Radon/Thoron discrimination)
 5. Measuring range: 2-2000000 Bq/m³ Rn-222
 6. Sensitivity (Radon) : 1 cpm at 20 Bq/m³ (0.5 pCi/l)
 7. Sensitivity (Radon/Thoron Discrimination): Radon : 1cpm at 60 Bq/m³ (1.6 pCi/l), Thoron (1 l/min): 1cpm at 200 Bq/m³ (5.5 pCi/l), Thoron (2 l/min): 1cpm at 140 Bq/m³ (3.8 pCi/l),
 8. Integrated pump (flow regulated) : 0.05-0.5 l/min, 1 l/min, 2 l/min
 9. It should included power supply/charging unit
 10. USB cable
 11. Sturdy service case with accessories
 12. Software: Data VIEW Pro Software/Readout software for alpha Guard, Full function version which allows presentation of several parameters, comparison of several instruments, report function for customer-specific adaption with the possibility for documentation of a defined measurement period per day and time of the week, individual settable. Compatible with Win 7, 8 and 10.
 13. Gamma dose rate module: Detector : GM Tube
- AlphaPM Radon Progeny Meter**

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