

AB6A Measurement Accessories

The reliable, versatile, and user-friendly solution for a wide variety of radiation monitoring applications.



We understand that reliable radon detection is not a luxury - it is an absolute necessity. The measurement accessories are used on our next generation laboratory-grade instrument, the AB6A Portable Radiation Monitor, to assist with making fast, accurate measurement of radon levels.

Backed by over 30 years of radon and thoron detection and measurement expertise, superior engineering, and world-class customer service, the AB6A, detectors, and accessories provide radon detection you can depend on.

Accessories

We offer a wide variety of accessories to assist with making measurements with the model AB6A monitor and active detector cells. These include:

- Filter Kits
- Drying Column Kits
- Vacuum Gauges
- Vacuum Hand Pumps
- Flowmeter Kits

Applications

When combined with the AB6A radiation monitor and an active cell detector the accessories can be used for:

- Radon/Thoron Analysis
- Autonomous Continuous Monitoring
- Residential Monitoring
- Industrial Monitoring
- Environmental Monitoring
- Radioactive Site Monitoring
- Mining / Ore Processing
- Mineral Exploration
- Entry Point Testing (Radon Sniffing)
- Meteorological Studies
- Geological Studies
- Education
- Building Materials Research
- Health Protection ... And More

Accessories

FILTER KITS

There are 2 versions of filter kits. The in-line filter kit is used to remove particulates from the gas sample in a closed loop system. These particulates could potentially contain radioactive radon progeny (daughters) which would affect the measurement.

The open face filter kit may be used in 2 ways. First, similar to the in-line filter kit, it is used to remove particulates from the gas sample when taking gas samples from a larger volume such as a chamber, outdoors, etc. Second, it is used to gather particulates on a filter which will be measured using the Filter Detector.

DRYING COLUMN KITS

There are 2 versions of drying column kits - a small and a large.

Drying column kits are used to remove moisture from the gas sample. Over time, excessive moisture can damage the detector cells.

VACUUM GAUGES

There are 2 versions of vacuum gauges - a digital and an analog. The vacuum gauges are used to measure the vacuum that is applied to the detector cells for use during grab sample measurements or during one method of cell flushing.

VACUUM HAND PUMP

There is a vacuum hand pump that is used to evacuate the detector cell manually for use during grab sample measurements or one method of cell flushing.

This pump may be used when an electric pump is not available or when power is not readily available.

FLOWMETER KITS

There are a variety of flowmeter kits. Two types with vary-ing flow rates are offered - adjustable and measuring.

The flowmeters are used to measure the flow rate of the gas sample through the detector cell. Depending on the measurement, the flow rate is required for the calculations. In others, the flow rate must be set within specific limits.



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