

PYLON AB7

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 Pylon AB7 and AB6A Portable Radiation Monitors, 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 Pylon AB7 detectors, and accessories provide radon detection you can depend on.

Accessory Offerings

Pylon offers a wide variety of accessories to assist with making measurements with the Pylon model AB7 or AB6A monitors and active detector cells. These include:

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

Applications

When combined with the Pylon AB7 or AB6A radiation monitors 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

Pylon offers 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 Pylon Filter Detector.

DRYING COLUMN KITS

Pylon offers 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

Pylon offers 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

Pylon offers 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

Pylon offers a variety of flowmeter kits. Two types with varying 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.

Ordering Information:

Model 6600	In-Line Filter Kit	Order part number 7100900
Model 6610	Open Face Filter Kit	Order part number 7100910
Model 6620	Drying Column Kit; Small	Order part number 7100920
Model 6630	Drying Column Kit; Large	Order part number 7100930
Model 6640	Vacuum Gauge; Digital	Order part number 7100940
Model 6650	Vacuum Gauge; Analog	Order part number 7100950
Model 6660	Hand Pump; Vacuum	Order part number 7100570
Model 6700	Flowmeter Kit; Adjustable; 0.15-1 l/min	Order part number 7101000
Model 6710	Flowmeter Kit; Adjustable; 0.2-4 l/min	Order part number 7101010
Model 6720	Flowmeter Kit; Adjustable; 1-10 l/min	Order part number 7101020
Model 6730	Flowmeter Kit; 0.15-1 l/min	Order part number 7101030
Model 6740	Flowmeter Kit; 0.2-4 l/min	Order part number 7101040
Model 6750	Flowmeter Kit; 1-10 l/min	Order part number 7101050

Values are nominal.
Specifications subject to change without notice.
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Contact a Representative

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