

Portable High-Volume Beryllium Air Sampler or Detector

Model: AS-30-Be (SAMPLER) | Model: AD-30-Be (DETECTOR)

Specifications

Electronics:	Programmable.
Pump:	Air Flow Pump and Filter holder.
Flow Meter:	Electronic
Flow Rate:	10-100 liters/min $\pm 5\%$
Filters:	Includes 2" diameter glass fiber package 100 filter papers.
Measurement:	
Sampler Style:	Activated Beryllium (Be) MDA 95%:10-4 Bq/m ³ after laboratory measurement (AS-30-Be – Sampler)
Detector Style for Activated Beryllium:	2" Diameter thin window GM T-1190 Detection range Bq/m ³ sensitivity improves with longer pump and count times.
Air Inlet:	Direct from room or environment (or Optional inlet hose operation).
Filter Holder:	Unique TA Quick-Change Filter.
Filters:	2" dia. glass filters also can use wide variety of 2" filters.
Alarm:	User settable audio/visual
Display:	6 digit Easy to Read LCD. (AS-100AC)
Auto-Shut Off:	Triggered by preset sample time or preset total flow value.
Power:	AS-30-Be and AD-30-Be: 115V AC – 220V AC (Optional 230V AC).
Case:	Electronics housed in enameled aluminum housing; handle included.
Weight and Dimensions	
Dimensions:	17" W x 13" H x 13 1/2" D (43 cm x 33 cm x 34 cm)
Weight:	20 lbs (9 kg) (Not Including Optional Tripod).

Optional:

- RS-232 or RS-485, or Ethernet
- Data Storage (Flow Rate and Sample Duration)
- Inlet operation hose from hood, stack or other location.
- Breathing Zone Extender



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