



# Portable High-Volume Beryllium Air Sampler or Detector

**Model: AS-30-Be (SAMPLER)**

**Model: AD-30-Be (DETECTOR)**

## Features

- Samples All Airborne Beryllium
- Detects Activated Beryllium
- Built-In Timer
- Electronic Mass Flowmeter
- Can Draw Air From Hood or Room
- Auto Shut-off on Flow Total or Time
- Quick Change 2" Diameter Glass Fiber Filter
- 10-100 LPM
- Accurately Measures Flow Rate
- Breathing Zone (**Optional** Tripod)
- AC Power
- **Optional:** RS-232 Or Rs-485, or Ethernet
- **Optional:** Data Storage (Flow Rate and Sample Duration)

## Application

The AS-30-Be provides accurate time and flow rate information. It is sensitive and versatile.

Designed for use as an industrial workplace and nuclear breathing air measurement system.

It may be also used to monitor fume hoods and stack effluent down to EPA levels.

## Description

The AS-30-Be sampler uses standard 2" diameter glass fiber filters in TA's unique quick change, leak free filter holder.

AD-30-Be detector provides a Beryllium filter under constant surveillance via a GM detector.



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CALIFORNIA 91303

PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLC

# Portable High-Volume Beryllium Air Sampler or Detector

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

## Specifications

<b>Electronics:</b>	Programmable.
<b>Pump:</b>	Air Flow Pump and Filter holder.
<b>Flow Meter:</b>	Electronic
<b>Flow Rate:</b>	10-100 liters/min $\pm 5\%$
<b>Filters:</b>	Includes 2" diameter glass fiber package 100 filter papers.
<b>Measurement:</b>	
<b>Sampler Style:</b>	Activated Beryllium (Be) MDA 95%:10-4 Bq/m <sup>3</sup> after laboratory measurement <b>(AS-30-Be – Sampler)</b>
<b>Detector Style for Activated Beryllium:</b>	2" Diameter thin window GM T-1190 Detection range Bq/m <sup>3</sup> sensitivity improves with longer pump and count times.
<b>Air Inlet:</b>	Direct from room or environment (or <b>Optional</b> inlet hose operation).
<b>Filter Holder:</b>	Unique TA Quick-Change Filter.
<b>Filters:</b>	2" dia. glass filters also can use wide variety of 2" filters.
<b>Alarm:</b>	User settable audio/visual
<b>Display:</b>	6 digit Easy to Read LCD. (AS-100AC)
<b>Auto-Shut Off:</b>	Triggered by preset sample time or preset total flow value.
<b>Power:</b>	<b>AS-30-Be and AD-30-Be:</b> 115V AC – 220V AC (Optional 230V AC).
<b>Case:</b>	Electronics housed in enameled aluminum housing; handle included.
<b>Weight and Dimensions</b>	
<b>Dimensions:</b>	17" W x 13" H x 13 1/2" D (43 cm x 33 cm x 34 cm)
<b>Weight:</b>	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



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

7051 ETON AVENUE, CANOGA PARK, CALIFORNIA 91303  
PHONE: 818-883-7043 | FAX: 818-883-6103

SALES@USNUCLEARCORP.COM | TECH-ASSOCIATES.COM | USNUCLEARCORP.COM

DIVISIONS OF



USNUCLEARCORP

OTCQB-UCLE