

# Portable High Volume Airborne Particulates Sampler and Totalizer

Model: AS-100, Model AS-100-AC, Model AS-70-AC

## Specifications

<b>Electronics:</b>	Programmable.
<b>Pump:</b>	High Flow Pump and Filter holder.
<b>Flow Rate:</b>	227 liters/min ~ Model AS-100 & AS-100-AC (7.5 cfm Free Air flow is a little lower if Optional flowmeter is utilized) 70 cfm ~ Model AS-70-AC with side mounted flowmeter
<b>Filters:</b>	Includes 2" diameter glass fiber package 100 filter papers. <b>Model AS-70-AC includes</b> 4" diameter or 8" x 10" glass fiber filters, user specified
<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>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-100:</b> 112-24Volt DC Rechargeable with Charger. <b>AS-100-AC &amp; AS-70-AC:</b> 115V AC – 220V AC ( <b>Optional</b> 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
<b>Weight:</b>	20 lbs

### Optional:

- Inlet hose from hood, stack or other location.
- Breathing zone extender.
- Flowmeter: Precision hot wire mass flow sensor or simple rotometer to show air flowrate
- **Alpha-Beta Detector: Model FR-PIB** Air Monitor assures Safety against airborne radioactivity contamination by means of constant check with alarm & Optional record capability.
- RS-232 data port



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

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