

# PORTABLE CART MOUNTED HIGH VOLUME PARTICULATE AIR SAMPLER & TOTALIZER

Model ~ MOBL-AIR & MOBL-AIR-8

## FEATURES:

- BUILT-IN TIMER
- DRAWS AIR FROM ROOM
- AUTO SHUT-OFF ON FLOW TOTAL OR TIME
- QUICK CHANGE 2" OR 4" DIAMETER GLASS FIBER FILTER - **MOBL-AIR**
- QUICK CHANGE 8" DIAMETER GLASS FIBER FILTER - **MOBL-AIR-8**
- ACCURATELY MEASURES FLOW RATE, TOTAL FLOW, & TIME
- BREATHING ZONE INTAKE HEIGHT ADJUSTABLE
- QUIET GREEN TURTLE PUMP
- AC POWER (**OPTIONAL**: BATTERY POWER)
- **OPTIONAL**: REAL-TIME ALPHA-BETA DETECTOR **MODEL FR-PIB**
- **OPTIONAL**: REAL TIME ALARM (**MODEL FR-PIB**)

## APPLICATION:

The **MOBL-AIR Series** is versatile and provides integrated air volume information. Designed for use as an industrial workplace and hospital breathing air sampling system.

## DESCRIPTION:

The **MOBL-AIR** uses standard 2" or 4" diameter glass fiber filters in TA's unique no leak quick change holders to trap any airborne particulates.

The **MOBL-AIR-8** uses 8" x 10" glass fiber filters, user specified.

An Inlet and outlet hose may be attached to allow monitoring of hoods, glove boxes, stacks, etc. The unit is completely self-contained cart mounted and portable.

Complete with 10 filters.

Alternatively we offer the [Model FR-PIB](#) in which the filter is under constant surveillance via a GM or scintillation detector. Air is drawn by a high volume pump through a flow sensor and exhausted through an **optional** short three-foot hose.



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## SPECIFICATIONS:

<b>Electronics:</b>	Digital Timer.
<b>Count Time:</b>	User Settable
<b>Pump:</b>	High Flow Pump and Filter holder.
<b>Flow Meter:</b>	Mass flow meter with visual and electronic readout
<b>Flow Rate:</b>	48 lpm – 200 lpm standard - user specified outside this range available
<b>Filters:</b>	Includes glass fiber package 100 filter papers. <b>MOBL-AIR includes</b> (100) 2" or 4" diameter or (10) 8" x 10" glass fiber filters, user specified
<b>Air Inlet:</b>	Direct from room or environment (or <b>Optional</b> inlet hose).
<b>Filter Holder:</b>	Unique TA Quick-Change Filter.
<b>Filters:</b>	2" or 4" dia. glass filters also can use wide variety of 2" filters. Optional 2" charcoal cartridges
<b>Display:</b>	Elapsed Pump Timer
<b>Auto-Shut Off:</b>	Triggered by preset sample time or Optional preset total flow value.
<b>Power:</b>	AC 115 volt, Optional 230 volt, 50-60 Hz <b>Optional</b> DC 12-24 Volt
<b>Data Output:</b>	RS-232 data port for flow rate
<b>Weight &amp; Dimensions</b>	
<b>Dimensions:</b>	17"W x 6"H x 13 1/2"D. Handle is collapsible.
<b>Weight:</b>	20 lbs

## Options:

- Adjustable height 3' – 6' standard. Optional above 6'.
- Inlet hose from hood, stack or other location.
- Alarm - Settable 2000 Hz beeper and red flasher.
- **Alpha-Beta Detector:** [Model FR-PIB](#) Air Monitor assures Safety against airborne radioactivity contamination by means of constant check with alarm & **Optional** record capability.
- 227 LITERS/MIN (7.5 cfm) (AS-100 & AS-100AC)
- **70 CFM** (MOBL-AIR 70-AC)



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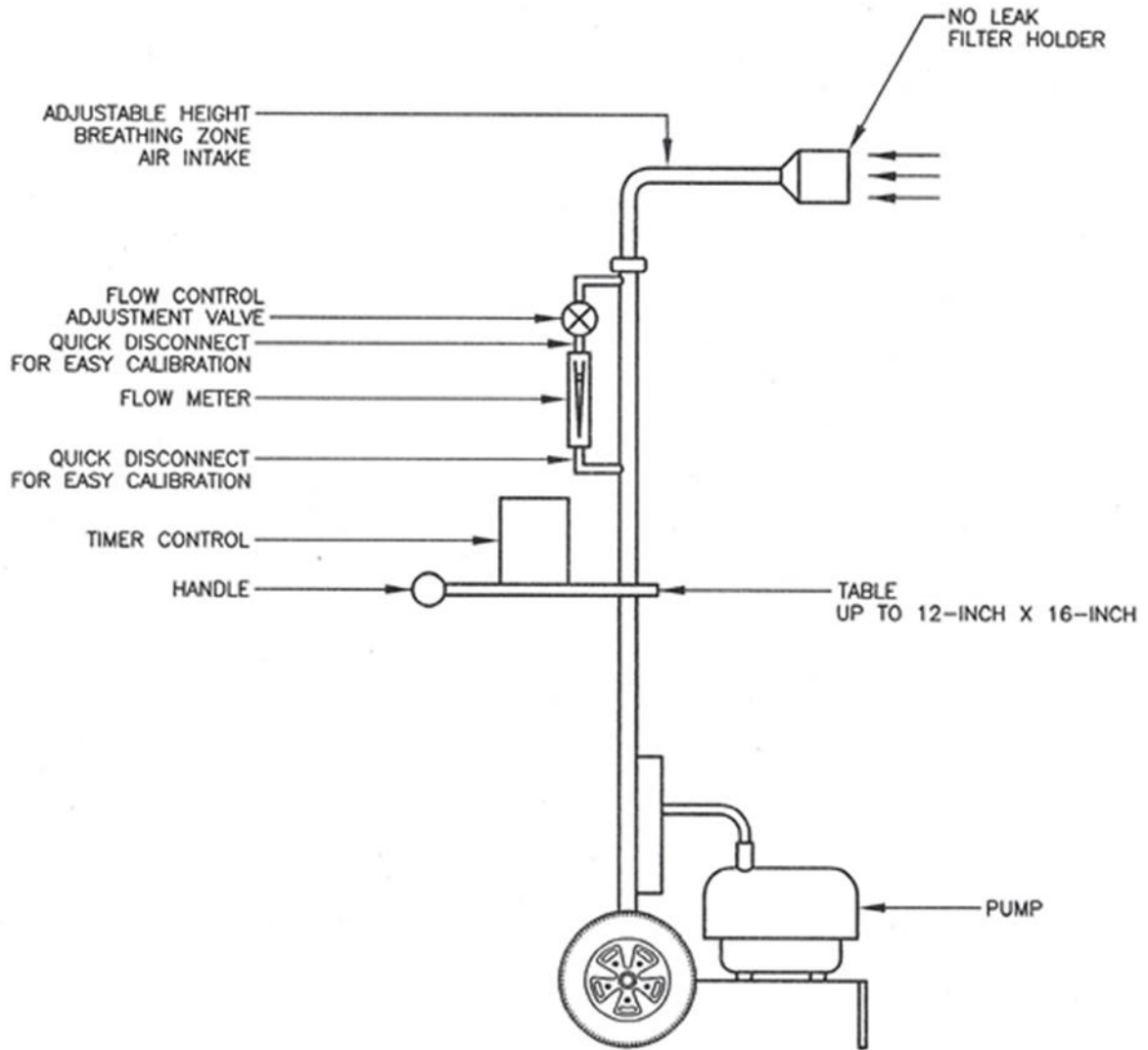
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## MOBL-AIR



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