PAS-500 PERSONAL AIR SAMPLER

Features:

- Battery, pump, electronics and detector all in one compact, rugged module. Eliminates cumbersome Tygon™ tubing and charcoal tube holder clipped to lapel.
- Light (4oz) and compact, with flame-retardant case.
- Special pocket clip ensures unit stays firmly in pocket.
- Flow range: 50-350 ml/min. (5-350 ml/min. with optional, $40, low flow orifice).
- Full flow regulation. A constant voltage is applied to pump as battery voltage drops.
- Low power consumption. A low cost (less than $2.00) alkaline battery is sufficient for a 40 hour work week.
- Easily replaceable 9-volt battery. NiCad, zinc-carbon and alkaline types are interchangeable.
- Adaptable - accepts 6mm diameter (single and double) and 8mm diameter charcoal tubes, other absorber tubes and Draeger & Kitigawa colorimetric tubes.

Basic unit consists of:

- PAS-500 Sampler
- Holder for 6mm charcoal tube
- Screwdriver
- Instruction Manual
- 9-volt battery

Flow range: 50-350 ml/min. (5-50 ml/min with optional low flow orifice.)
Specifications:

**Power Supply:**
9V alkaline, zinc-carbon or rechargeable NiCad battery

**Dimensions:**
1 3/16” x 13/16” x 4 1/4 “ (30mm x 20mm x 109mm)

**Weight:**
4 oz. (114 grams)

**Case Material:**
Flame retardant nylon, rated UL 94/VO

**Operating Temperature Range:**
0 to 50 degrees Centigrade

**Flow:**
50-350 ml/min. (5-350 ml/min. with optional, $40, low flow orifice).

**Operational Check:**
Glowing green LED indicates power is on.

**Warranty:**
90 days for all parts and workmanship.

**Controls:**
Screwdriver adjustable flow rate. (Multi-turn potentiometer for precision setting.) Internal On/Off switch.

**Electronic Circuitry:**
Miniature, surface mount technology.

Optional Accessories:

- Rechargeable battery kit (includes charger and battery)
- ATH-6 charcoal tube holder for 6mm tubes
- ATH-8 charcoal tube holder for 8mm tubes and Perkin-Elmer absorber tubes
- ATH-10 holder for colorimeter tubes or two 6mm charcoal tubes in series for Methylene Chloride
- Custom tube holders available upon request
- BFM-500 Electronic Flow Meter
- BFM-10 Pocket Bubble Flow Meter

...with the compact BFM-10 Pocket Bubble Flow Meter.

ATH-10 Holder