

## 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.
- Intrinsically safe. Current-limiting resistor in battery circuit prevents danger of short-circuit sparks.



No more cumbersome Tygon™ tubing and charcoal tube holder clipped to your lapel, the PAS-500 fits neatly in your shirt pocket.



Two units using charcoal and colorimeter tubes - saves cost of charcoal tube analysis if color tube is negative.

### Basic unit consists of:

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



The 9-volt battery easily slips in and out.



Flow-control and On/Off switch are easily accessible.



### 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

### 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.



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



ATH-10 Holder