

Introducing 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: 5 - 200cc/minute.
- 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 6 mm 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 colorimetric 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.



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



ATH-10 Holder

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) excluding sampling tube holder.

Weight: 4oz. (114 grams).

Case Material:

Flame retardant nylon, rated UL 94/VO

Operating Temperature Range:

0 to 50 degrees Centigrade.

Flow: 5cc - 200cc/minute.

Operational Check:

Glowing green I.E.D. 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

- Multi-Pump Carrying Case (holds up to eight units) 13 1/2" x 10" x 3 3/4".
- 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 colorimetric 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.