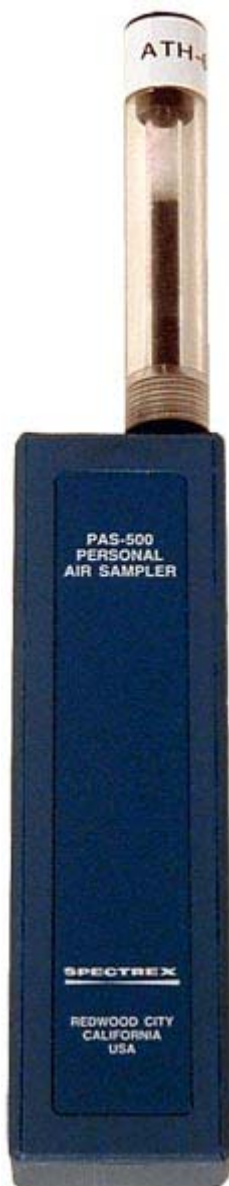


Personal Air Samplers

PAS-500 Micro Air Sampler

Air sampling in your shirt Pocket



FEATURES:

- Battery, pump, electronics and detector tube all in one compact, rugged module, eliminates cumbersome Tygon tubing and charcoal tube holder clipped to lapel.
- Light (4 oz.) and compact, with flame retardant case.
- Special 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 (< \$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 spark.

BASIC UNIT CONSISTS OF:

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



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



The 9-volt battery easily slips in and out.



Flow-control and on/off switch are easily accessible.




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

Field calibration made easy

using the compact BFM-10 Pocket Bubble Flow Meter



Specifications		Optional Accessories
<p>Power Supply: 9V alkaline, zinc-carbon or rechargeable NiCad battery.</p> <p>Dimensions: 1 3/16" x 13/16" x 4 1/4" (30mm x 20mm x 109mm) excluding sampling tube holder</p> <p>Weight: 4 oz. (114 grams).</p> <p>Case Material: Flame retardant nylon, rated UL 94-VO.</p> <p>Operating Temperature Range: 0 to 50 degrees Centigrade.</p> <p>Flow: 5cc — 200cc/minute.</p> <p>Operational Check: Glowing green L.E.D. indicates power is on.</p> <p>Warranty: 90 days for all parts and workmanship.</p> <p>Controls: Screwdriver adjustable flow rate. (Multi-turn potentiometer for precision setting.) Internal On/Off switch.</p> <p>Electric Circuitry: Miniature, surface mount technology.</p>		<ul style="list-style-type: none"> • 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 adsorber tubes. • ATH-10 Holder for colorimetric tubes or two 6mm charcoal tubes in series for Methylene Chloride. • Custom tube holders available upon request. • BFM-10 Pocket Bubble Flow Meter.

PAS-2000 Air Sampler

Ideal for Asbestos Sampling



- Dependable, long operating life. (Over 10,000 hours).
- Easy service access to all mechanical and electrical components.
- Easy flow adjustment (from exterior).
- Constant voltage regulation. Built-in rotometer.
- Battery charger, adapter tubing and clip are included.
- On/Off control from external switch.
- Flow range 0.6 - 3.5 LPM. (optional adjustable stroke motor increases range to 50cc-3.5 LPM).
- Temperature operation range 0 C - 70 C.
- Weight: 1 lb. 14 oz.
- Dimensions: 4"x5 1/4"x 2 3/8".
- Materials:
 - Pump diaphragm-Viton™
 - Pump body - Delrin

Precision Pocket Bubble Flow Meters For Air Sampling

Primary Standards for Field Calibration



These unique units are:

- Portable (Weights: 1.5 oz; 2 oz; 8 oz.)
- Self-contained
- Leakproof
- All plastic
- Provide instant soap bubble movement by depressing central cylinder 1/4". Flow is established by timing bubble and reading off flow from a special "time" chart attached to the flow meter barrel.