

# Air Sampler 1000 Series

(1000 - 3000 ml/min)



Small in size, simple to use and easy to operate, the Air Sampler 1000 Series is ideal for personal sampling applications. Only weighing 0.70 lbs. this provides a flow range between 1000 - 3000 ml/min.

The 1000 Series allows for constant flow correction even with changes in ambient temperature and barometric pressure through our ultra-quiet rotary vane vacuum pump technology. The easy to read LED display provides accumulated sampling volume and a battery conservation mode after 30 seconds of idle use allowing for over 30+ hours of continuous sampling. The power switch allows for easy operation including Continuous Sampling, Volume Reset, and Battery Conservation Mode, with the push of a button.

## Performance

- Flow Range: 1000 - 3000 ml/min
- Flow Control: Holds constant flow to  $\pm 5\%$  of set-point

## General

- Controls: Power Switch, Pump Control
- Additional Features: Quiet Rotary Vane Pump, Protective Holster,
- Long-life Battery, Built in Belt-Clip, Replaceable Filter
- Dimensions: 3.50 in. x 3.66 in. x 1.85 in. (8.89 cm x 9.30 cm x 4.70 cm)
- Weight: 11.2 ounces (0.70 lbs.)

## Battery

- Type: Lithium-Ion Rechargeable Battery
- Run Time: >30 hours continuous use
- Battery Recharge Time: 2 Hours

## Environmental

- Temperature Ranges  
Operating Temperature:  $-20^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $113^{\circ}\text{F}$ )  
Storage Temperature:  $-40^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $113^{\circ}\text{F}$ )  
Charging Temperature:  $5^{\circ}\text{C}$  to  $45^{\circ}\text{C}$  ( $41^{\circ}\text{F}$  to  $113^{\circ}\text{F}$ )
- Humidity Ranges  
Operating: 5-85%RH, non-condensing  
Storage: 5-98%RH, non-condensing

