



### **Air Sampler 1000 Series**

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: 3.7 in. x 3.6 in. x 1.2 in. (9.4 cm x 9.1 cm x 4.8 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°C to 45°C (-4°F to 113°F)

Storage Temperature: -40°C to 45°C (-40°F to 113°F)

Charging Temperature: 5°C to 45°C (41°F to 113°F)

Humidity Ranges

Operating: 5-85 %RH, non-condensing

Storage: 5-98 %RH, non-condensing