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Air Sampler 1000 Series

Small in size, simple to use and easy to operate, the Airlam Air Sampler 1000 Series is ideal for personal sampling applications. Only weighing 0.55 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 Airlam's 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 8+ 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, Long-life LED Display, Built in Belt-Clip, Replaceable Filter

Dimensions: 3.2 in. x 3.0 in. x 1.2 in. (8.1 cm x 7.6 cm x 3 cm)

Weight: 8.8 ounces (0.55 lb.)

Battery

Type: Lithium-Ion Rechargeable Battery

Run Time: >8 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

