

ACW1200Y2 Air Sampler

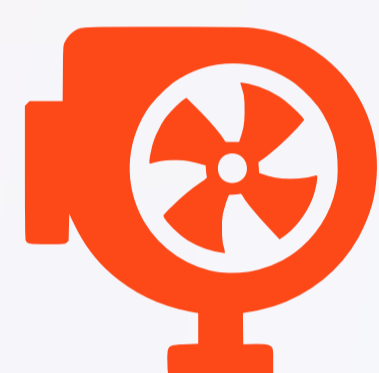


Introducing the Advanced Air Sampler – Model 1200Y1, engineered for precision and versatility. This compact air sampler enables accurate air sample collection through customizable parameters such as flow rate and sampling duration. Powered by a high-performance motor and featuring a large OLED display for real-time monitoring, it supports both time-based and volume-based sampling modes.

Ideal for environmental monitoring, air quality assessment, and research applications, the device ensures efficient operation with user-friendly controls, replaceable filter media, and built-in overheat protection with user-configurable temperature thresholds and automatic shutdown for enhanced safety.



**Compact-Portable
Design**



**High-Performance
Motor**



**Dual Sampling
Modes**



**Intelligent OLED
display**



**Precision-Flow
Control**



Overheat Protection

Technical Specifications

Operating Voltage	230–250 V AC
Current Consumption	5.6 – 6 A
Operating Range	0– 85 °C
Maximum Airflow	1050 LPM
Dimensions	275 x 180 x 223 mm
Total Weight	< 2.5 kg
Sampling Modes	Time & Volume based
Filter Type	Replaceable porous media
Calibration Method	3–point, 3rd-degree polynomial
Enclosure Material	ABS Plastic / Metal

Display

Resolution	128 x 64px
Screen size	1.3"
Screen Type	Intelligent OLED
Color	Monochrome
Visibility	High-contrast display

Power

Battery Capacity	20000 mAh
Battery Type	Rechargeable Lithium-ion (Li-ion)
Battery Life	Up to 30 minutes
Charging Port	USB Type-C
Voltage Rating	11.1V – 14.8V
Charging Time	Approx. 3–4 hours

Motor

Motor Type	Diaphragm pump
Voltage Rating	230–250V(AC)
Power Rating	1400W
Connector Type:	IEC 60309 (Industrial-grade)

Connectivity & Configuration

Access Mode	Wi-Fi Access Point (Hotspot)
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To learn more about the product and its detailed specification, scan the QR code.

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