

PORTABLE AIR SAMPLER

Portable | High-Flow & High Accuracy | Terrain-Ready



Engineered for field and lab excellence, the I400Y1 Air Sampler offers customizable sampling, real-time monitoring, and a compact design. With high-speed suction, OLED display, and smart Wi-Fi configuration, it's the ideal choice for air quality assessment, environmental research, and industrial applications.



Specifications

ACW1400Y1

CASTING

ABS"/ "ABS Plastic"

AIR FLOW CAPACITY

1400 LPM

FILTER TYPE

Glass Fiber, 4" [custom]

DISPLAY

1.3" OLED

SAMPLING DURATION

<60 minutes

FLOW RATE CONTROL RESOLUTION

1 LPM

MOTOR POWER

200 W

WEIGHT

<2.5KG

Features

Powerful Suction Motor

Engineered for high-efficiency air intake, ensuring rapid and consistent sample collection in any environment.

Wireless Configuration Access

Built-in Wi-Fi hotspot lets you configure all device settings easily through your web browser—no app or cable needed

Precision Flow Control

Smooth manual control over airflow ensures accurate readings and repeatable sampling every time.

Overheat Protection & Rugged Portability

Built-in overheat protection with user-defined temperature thresholds and automatic shutdown ensures safe and reliable operation, while maintaining a compact, lightweight, and terrain-ready design.

Dual Sampling Modes

Supports both time-based and volume-based sampling for maximum flexibility across applications.

Intelligent OLED Display

Clear, real-time display of flow rate, sampling status, total collected volume, and error indicators.



Powered by Elementz Engineers Guild Pvt Ltd

 <https://nucleolenz.com>

 +91 9020816699

 sales@elementzonline.com