

SwemaFlow 236 – Handheld Airflow Hood

Range: 1...65 l/s, 3.6...234 m³/h, 2.1...137 cfm



- High accuracy and stability
- Measures from 1 l/s
- Temperature
- Barometer
- Real or Standard flow
- Only 1.5 kg
- Telescopic handle

SwemaFlow 236
Art.No. 769780

SwemaFlow 236 is a fast and accurate air flow hood instrument. It measures exhaust air flow in ventilation systems from 1 to 65 l/s (3.6-234 m³/h, 2.1...137 cfm).

Swema measuring principle with a **net of hot wires is unique**. The net allows low flow and also a wide opening. The net of hot wires covers the whole opening which gives an accurate mean value and minimises the throttle effect. The temperature and barometric pressure is measured to compensate the flow for air density.

Low weight and telescopic handle

The low weight and the telescopic handle with angular adjustment ensures good balance and tightness. With the extended handle a ladder is in most cases not needed.

Large digital display

The large digital display with backlight shows instantly the flow with one decimal. When needed the digits in the display can be turned upside down for easier reading. The units l/s, m³/h, °C or cfm, °F are easily selected. SwemaFlow 236 can freeze the measured value. SwemaFlow 236 is charged with the included charger or with a standard USB charger (max 1.6 A). To measure supply air flow a foldable supply air capture is used.

Accessories:



- Opening: 300mm x 300mm
- Height: 100mm

SwemaFlow 236, 300x300
Art.nr: 762330



- Opening: 330mm x 330mm
- Height: 560mm

SwemaFlow 236, 330x330
Art.nr: 459096



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Technical Data:

Air flow: 1...65 l/s, 3.6...234 m³/h, 2.1...137 cfm
Temperature: 0...50 °C, 32...122 °F
Barometer: 600...1200 hPa, 18...35 inHg

Measuring Principle: Mass flow, net of hot wires

Measurement Uncertainty:

Air flow: ±3.5% read value (at 20...25°C)
min ±1 l/s, 3.6 m³/h, ±2.1 cfm
Temperature: ±1 °C, ±2 °F
Barometer: ±3.5 hPa, ±0.1 inHg

At 95% coverage probability in non condensing, non moist air, <80%RH, non aggressive gases.

Measurements corrections based in the calibration protocol are not needed to obtain the above stated uncertainty.

Specifications:

Telescopic Handle: 45...80cm
Measurement opening: 190mm x 200mm (inner)
Instrument Height: 330mm
Instrument Weight: 1.5Kg
Battery: Rechargeable Li-ion Battery
Battery Life: 2...9 hours continuous measurement
Charging Time: <2 hours

Supplied With: SWEMAFLOW 236, Telescopic handle, Carrying case, Battery charger, Manual & Calibration Certificate.



SWEMATERMINAL 3 SOFTWARE

SwemaTerminal 3 is a free software Windows for SwemaFlow 235, 236, 125D, 126, 4000, SwemaMan 7/8, SwemaAir 5, Swema 03, 03+ and Swema 05. With SwemaTerminal 3 you can do online measurement and logging, print calibration certificate, change settings, upgrade firmware and show graphs and statistics.

Downloadable from SWEMA website.



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