



AIRFLOW SP LTD

Sensing Precision

BalanceMaster 4250

Economical Capture Hood with all the features today's commissioning engineers need

The Airflow SP BalanceMaster 4250 is the perfect tool for accurate supply and return airflow measurements, allowing the user to adjust and balance multiple diffusers and grills. Interchangeable hoods make it ideal for sampling air from almost any duct size. The unit is lightweight and easy to handle and the full colour screen can be tilted so it is always at the optimal viewing angle at any height.

Features

- 40 to 4250 m³/h (23 to 2500 cfm) range
- Simultaneously measures and displays volume flow, temperature and humidity
- Store up to 3,000 measurements
- Advanced storage feature allows you to store multiple measurements under a single ID
- Displays the direction of the airflow as well as the velocity
- Lightweight design for easy usage
- Temperature compensation sensor increases accuracy for all airflow measurements
- Full colour display, with tilt feature, is visible at any angle
- Complies with ISO 3966:2008

Applications

- HVAC testing, adjusting and balancing
- Air volumetric flow measurements through diffusers and grills
- Direct reading at supply and return airflow
- Check filter error by measuring differential pressure

Benefits

- Easy setup and use by one person
- Five sizes make it easy to select one that fits your duct
- Built-in back pressure compensation ensures accuracy for large volumetric flow measurements
- Competitive price with professional-grade features
- Includes: Standard hood, carrying case, AA batteries, user manual, USB cable for PC, software and calibration certificate
- Optional power supply cable with multi country adapter
- Optional portable stand extends up to 2 metres



Specification

Airflow Measuring Range	40 to 4250 m ³ /h (23 to 2500 CFM)
Accuracy	+/- 3% of reading +/- 10 m ³ /h
Resolution	1 m ³ /h
Temperature Measuring Range	0 to 50°C (32 to 122°F)
Accuracy	+/- 0.5°C (1.0°F)
Resolution	0.1°C
Humidity Measuring Range	0-100% RH
Accuracy	+/- 3.0% RH
Resolution	0.1% RH
Standard Hood Dimensions	610x610mm
Optional Hood Dimensions	610x1220mm, 305x1220mm, 500x500mm, 915x915mm, 915x610mm
Power Supply	4 x AA batteries or AC Adapter (Optional)
Weight	3.6kg (7.9lbs)
Manufacturing Warranty	2 years