

# VF01 Electronic Balometer

## 1. Features

- View measurements easily on the large LCD display
- Store up to 100 readings in its nonvolatile memory for later analysis
- Automatic sensing and display of flow rate, flow velocity and temperature
- Accuracy of 3% full scale
- Direct printing and data transfer via RS232C port



## 2. Specifications

**Volume flow rate:** 85-3400M<sup>3</sup>/h(50-2000cfm)

**Air velocity:**0.2-7.6m/h (0.65-25f/s)

**Temperature range:**-10-80°C(14-176°F)

**Supply volume flow rate:**±(3 % of reading  
±12m<sup>3</sup>/h)

**Exhaust volume flow rate:**±(4 % of reading  
±12m<sup>3</sup>/h)

**Temperature Accuracy:**±(0.5 % of reading±0.5°C)

**Temperature resolution:**0.1°C(°F)

**Volume flow resolution:** 0.1m<sup>3</sup>/h

**Power Requirements:** Three AA batteries (included) **Battery Life:** 10-30 hrs. minimum with continuous use.

**Display:** 128×64 matrix LCD.

**Output:** RS232C

**Weight:** 4kg (with the hood of 610mm×610mm)

## 3. Display Interface

Vel: 7.2 m/s  
Vol: 1234.5m<sup>3</sup>/h  
Tem: 28.8 °C

## 4. Model Chart

### 1. Standard Models

VFO1C (Widespread type)	VFO1B (Standard type)	VFO1A (Trace to source type)
Accuracy:+3%, with 610m m×610mm Hood and nylon kitbag	Based on VF01C, RS232C interface and upper monitor software are added	Based on VF01B, calibration certificate from the third part are added

### 2. Options

When the standard hood and bracket can not satisfy the air inlet dimension, the optional hoods and bracket are available below:

610mm×1220mm Model Code: CH2

305mm×1220mm Model Code: CH3



Standard 610mm×610mm hood, and base can be put into a 800mm×800mm nylon kitbag