



## AIRFLOW MEASUREMENT INSTRUMENTS BKF-4501

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FLY-1 AIR CAPTURE HOOD/BALOMETER



## SPECIFICATIONS

|                     |                                                                                                                                                                                |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model               | BKF-4501                                                                                                                                                                       |
| Basic function      | LCD display \nBluetooth printer with built-in lithium battery \nThe built-in battery can last up to 30 hours of operation, And do not lose data after power outage (within 4H) |
| Measurement range   | 100-3500m <sup>3</sup> /h                                                                                                                                                      |
| Relative error      | ±5% of full scale F.S                                                                                                                                                          |
| Self resistance     | ≤5Pa                                                                                                                                                                           |
| Automatically store | Air volume values for 1000 air vents                                                                                                                                           |
| Alt Name            | Air capture hood/Balometer                                                                                                                                                     |

## APPLICATIONS

The air volume meter adopts the principle of a pitot tube, which automatically detects the air pressure at multiple points and multiple times. The average air volume (m<sup>3</sup>/h) generated is correct, fast, and simple. It is widely used in industries such as HVAC and purification technology to directly measure the air volume of air vents and pipelines, thus implementing comprehensive management of the air volume of central air conditioning and automatic control of parameters such as temperature, humidity, and cleanliness. In order to facilitate on-site testing work for customers, we have specially equipped a mobile bracket, which can be raised up to 2.2m (including the air volume meter body of 0.9m), and the overall height can be raised to 3.1m. If the height is increased, it can be customized to 3.2m. The FLY air volume meter can measure the supply and return air vents, bringing convenience to testing. Based on the advanced technology of similar products from abroad, our factory is the first to launch the production of this product in China and has obtained a national patent. Each FLY airflow meter is factory calibrated through a strict 0.5 level standard wind tunnel calibration device for multi-point airflow correction, providing reliable assurance for users to directly measure airflow.



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