The Series SAH SMART Air Hood® Balancing Instrument is the most accurate and easy to operate air flow hood on the market. By using the included hood stand and wireless communications to the handheld, a single operator can balance a branch in less time than traditional balancing teams. Besides being lighter than most traditional capture hoods, the ergonomic design makes the Series SAH easy to maneuver, with less physical stress. The rugged polypropylene base hood features patented Quad Flow Design Technology for controlling air flow and minimizing back pressure, which yields superior measurement accuracy. The Wi-Fi direct communication gives reliable communication with a distance of up to 200 yards (183 m) between the hood and the handheld test instrument. The SMART Air Hood® balancing instrument includes the SMART Air Hood® application software which reduces the number of steps in the air flow balancing process using Predictive Balancing’s Express Balance mode. Predictive Balancing is a method of predicting the optimal flow set point for each register and the order in which they should be adjusted.

CONNECTING
1. Power on Smart Air Hood®
2. Open the Smart Air Hood® app
3. Select hood

MAIN SCREEN
- Menu
- Hood status
- Air flow reading
- Diffuser accuracy selection
- Log reading button
- Reading log

CONNECTING
1. Power on Smart Air Hood®
2. Open the Smart Air Hood® app
3. Select hood
**DIFFUSER ACCURACY TAB**

- To get the best accuracy in the market select the **High** accuracy tab.
- To get the accuracy of traditional hoods select the **Standard** accuracy tab.
- To manually enter your diffuser select the **Manual** tab.

**READING LOG**

Each time you press the log this reading button it will capture the air flow value along with the diffuser.

**MENU & PREFERENCES**

- **SMART Air Hood App®**
  - Supply
  - Battery 87%, 24°C, 70%RH
  - ZERO
  - Standard Accuracy
  - Based on a 2x2 Diffuser: Choose diffuser type to increase accuracy
  - LOG THIS READING

- **SMART Air Hood App®**
  - Supply
  - Battery 84%, 22°C, 44%RH
  - ZERO
  - Standard Accuracy
  - Based on a 2x2 Diffuser: Choose diffuser type to increase accuracy
  - LOG THIS READING

- **Preferences**
  - Measurement Units
    - Volume airflow
      - CFM
      - m³/h
      - l/min
    - Temperature
      - °C
      - °F

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