# ACCUBALANCE® AIR CAPTURE HOOD MODEL 8371

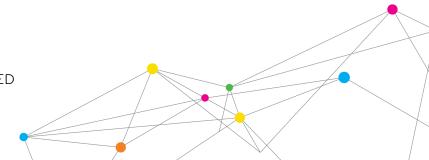
TSI's AccuBalance® Air Capture Hoods measure air volume flowing through registers, diffusers and grilles. Weighing just seven and a half pounds, these air capture hoods are easy to carry, lift and use. Simply hold the AccuBalance up to a diffuser or grille and read direct supply or exhaust airflow on the large digital display.



## **Features and Benefits**

- + Variable time constant modes minimize display variations when measuring fluctuating flows
- + K factor function enables flexibility for measuring a variety of diffusers
- + Variety of hood sizes lets you take readings from most diffusers, registers or grilles
- + Back-lit display is easy to read in poor lighting conditions





# **SPECIFICATIONS**

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#### **Flow Range**

30 to 2,000 cfm (15 to 1,000 l/s, 50 to 3,500 m<sup>3</sup>/hr)

#### **Accuracy**

 $\pm$ 5% reading and  $\pm$ 5 cfm ( $\pm$ 2.4 l/s,  $\pm$ 8.5 m<sup>3</sup>/hr)

### **Operating Temperature**

32 to 140°F (0 to 60°C)

#### Weight

7.5 lbs (3.4 kg)†

#### **Power**

4 C-size batteries (4 alkaline batteries provided)

#### **Battery Life**

40 hours continuous use

#### **Carrying Case**

26 in. × 26 in. × 7 in. (660 mm × 660 mm × 180 mm)

#### **Hood Sizes Available**

Standard	24 in. × 24 in. (610 mm × 610 mm)
Optional	24 in. × 48 in. (610 mm × 1,220 mm)
	12 in. × 48 in. (305 mm × 1,220 mm)
	12 in. × 60 in. (305 mm × 1,525 mm)
	36 in. × 36 in. (915 mm × 915 mm)

#### **Model 8930 Printer Specifications**

Printing Method
Printing Speed
External Dimensions

Thermal serial head system
Approximately 0.8 lines/sec
5.3 in. × 5.1 in. × 2.5 in.
(135 mm × 130 mm × 64 mm)

Printer Interface 8 bit serial RS-232-C, 1200 baud

	8371
Density correction	+
K-factor	+
Variable time constant	+
Field calibration adjustment	+
Printer output	+
Back-lit display	+
Certificate of Calibration	+

 $^{\dagger}$ Using 24 in.  $\times$  24 in. (610 mm  $\times$  610 mm) hood

Specifications are subject to change without notice.

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