

AccuBALANCE[®]

Air Capture Hoods

Model 8371

TSI's ACCUBALANCE[®] Air Capture Hoods measure the air volume flowing through registers, diffusers, and grilles. Weighing just three and a half kilograms, the ACCUBALANCE is easy to carry, lift, and use. Simply hold the ACCUBALANCE up to a diffuser or grill and read direct airflow of a supply or exhaust on the large digital display.

Features and Benefits

- Sample and hold function displays reading of one sample
- Automatic conversion between actual and standard flows when user initially inputs temperature and barometric pressure
- Variable time constant modes available for a steady display when measuring fluctuating flows
- K factor function enables flexibility for measuring a variety of diffusers
- Variety of hood sizes to choose from, allowing you to take readings from most diffusers, registers, or grilles
- Back-lit display is easy to read in poor lighting conditions
- Optional portable printer to provide hard copy documentation of your measurements
- Compact carrying case for easy transportation
- Field calibration adjustment for convenience
- NIST* traceable calibration certificate



*U.S. National Institute of Standards and Technology



Model 8371 AccuBALANCE Specifications

Flow Range:	15-1,000 l/s (50-3,500 m ³ /hr, 0.84-55 m ³ /min, 30-2,000 CFM)
Accuracy:	±5% reading and ±2.4 l/s (±8.5m ³ /hr, ±0.15 m ³ /min, ±5 CFM)
Operating Temperature:	0-60°C (32-140° F)
Weight:	(using 610 × 610 mm Hood) 3.4 kg (7½ lbs.)
Power:	4 C-size batteries (4 alkaline batteries provided)
Battery Life:	40 hours continuous use
Carrying Case:	660 mm × 660 mm × 180 mm (26" × 26" × 7")
Hood Sizes Available:	
Standard:	610 × 610 mm (24" × 24")
Optional:	610 × 1220 mm (24" × 48") 305 × 1220 mm (12" × 48") 305 × 1525 mm (12" × 60") 915 × 915 mm (36" × 36")

Model 8925 Printer Specifications

Printing Method:	Thermal serial dot matrix
Printing Speed:	About 0.8 lines/sec.
External Dimensions: (excluding projections):	135 mm × 100 mm × 35 mm (5.3" × 4" × 1.4")
Weight:	Approx. 0.4 kg (14 oz.)
Temperature Range:	0°C to 40°C (32 to 104°F)
Humidity Range:	30% RH to 80% RH
Printer Interface:	
Type:	Serial
Baud Rate:	1200

Specifications in parenthesis indicate US equivalents.
Specifications are subject to change without notice.



TSI Incorporated
Environmental Measurements and Controls Division
500 Cardigan Road
Shoreview, MN 55126 USA
Telephone: 800 777 8356
651 490 2711
Fax: 651 490 2874
E-mail: emco@tsi.com
Web: www.tsi.com

Europe:
TSI AB:
Telephone: 46 18 527000
TSI GmbH
Telephone: 49 241 523030