



Balometer® Capture Hoods



Model EBT721
(shown with optional accessories)

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Model EBT721

The EBT721 is a multipurpose electronic air balancing instrument for reading air volume at diffusers, grilles, registers and linear slots. It is ideal for test and balance contractors, commissioning specialists, facility managers, engineers, and construction contractors. This light weight ergonomically designed product saves time and money while helping to create a healthy and energy efficient environment.

The standard EBT721 kit includes 2 ft. x 2 ft. (610 mm x 610 mm) capture hood, base, manometer, pitot tube, static pressure tips, Norprene™ tubing, and LogDat™ downloading software in a luggage style wheeled carrying case.

Features and Benefits

- Ergonomic design and ultra light weight for easy one person operation
- Detachable digital manometer for use in other applications
- Use with pitot, air flow, temperature, or relative humidity probes
- Data logging and LogDat downloading software included for easy report generation
- Pre-assembled hood frames save time on site
- Multiple hood sizes available



Balometer® Standard Capture Hoods

Models 6461CFM, 6463CFM, 6465CFM

By placing an Alnor Balometer Capture Hood over a diffuser or grille, you can measure air volume to balance buildings and verify air flow distribution. The easily observed trend values and fast meter response make the Standard Balometer hood the preferred instrument for facility engineers.



Model 6461CFM

Features and Benefits

- Easy to read analog meter for quick measurements
- Sturdy middle handle to easily carry with one hand
- Multiple hood sizes available

Balometer® LoFlo Capture Hoods

Models 6200D, 6200F, 6200E

The LoFlo Balometer Capture Hood is the ideal way to measure very low volumetric flow. Confidently and accurately measure supply or return flows from 10 to 500 cfm (17 to 850 m³/h). This light weight instrument is great for residential or light commercial use.



Features and Benefits

- Models available with 2 ft. x 2 ft. (610 mm x 610 mm) hoods or 16 in. x 16 in. (406 mm x 406 mm) hoods
- Weighs only 6.5 lbs. (3 kg) with 2 ft. x 2 ft. (610 mm x 610 mm) hood attached
- Simulated analog display shows air trends and digital readings
- Uses 4 C-size alkaline batteries; minimum 10 hours continuous use
- For small diffusers, the base meter can be used without a hood



Model 6200D

Balometer® Jr. Capture Hood

Models 342, 343

The size of Alnor's Balometer Jr. Capture Hood is ideal for tight spaces, such as above office cubicles and in restrooms.

This instrument stands only 21 in. (533 mm) high with the smaller hood.



Model 342



Parameters and Features Chart

The chart below is a guide for selecting an instrument to best fit your measurement needs.

	LoFlow Balometer		Balometer Jr.		Standard Balometer			Electronic Balancing Tool
Model	6200D	6200F	342	343	6461CFM	6463CFM	6465CFM	EBT721-A1
10-500CFM (17-850m ³ /hr)	•	•						
0-1400CFM			•	•				
0-2000CFM					•	•	•	
25-2500 CFM (42-4250m ³ /hr)								•
Temperature (°F or °C)								•
Velocity Matrix, temperature or RH% probe								0
With 2' x 2' hood	•		•		•			•
With 2' x 2', 2' x 4', 1' x 4' hoods						•		0
With 2' x 2', 2' x 4', 1' x 4', 1' x 5' and 3' x 3' hoods							•	0
16" x 16" hoods		•		•	0	0	0	
Statistics (min, max, and avg)								•
Data log (recall, download to a PC)								•
K-factor input or field calibration	•	•						•
Automatic Density Correction								•
Backpressure Compensation								•

All instruments include a free NIST or EAL Certificate of Calibration.

• = Feature of Instrument 0 = Optional