

# [ Comply with NSF 49 the Easy Way

To certify CLASS II Bio-Safety Cabinets, just use the new Direct In-Flow Measurement Hood. Designed by TSI for certifying professionals, this easy-to-use tool allows you to take accurate measurements fast and document them for NSF 49 compliance.

## Simply attach the BSC hood kit to the Alnor EBT721 air capture hood base with detachable Micromanometer and take full advantage of all its features:

- Ergonomically designed base and meter
- Extremely light weight
- Large multi-line back-lit display
- Wheeled luggage-style carrying case

## Save valuable time

- Make and log readings in 2 to 8 seconds
- Data log up to 1,000 samples
- Download to PC with included software
- 1-hour recharge time
- Long battery life (typically 12 hours)

## Save money

- Low purchase price
- Low service costs
- Modular design means you can buy basic kit and add components as need and budget allow
- Use AC adapter, 4-AA NiMH rechargeable or alkaline batteries



## Throw away the cardboard!

Expansion panels slide out to cover openings from 2 to 6 feet wide. Choose the hood height that best suits your work:

- Model 801050 8-inch BSC hood kit
- Model 801051 10-inch BSC hood kit

Hoods come with an adjustable tripod and mounting instructions for easy setup. (EBT721 ordering information on reverse side).

## Auto Zero

Automatic zeroing ensures each measurement starts from the same reference point and eliminates manual zero calibrations between readings.

## Versatile

Use the Manometer alone or with a wide variety of accessories. Includes adjustable tripod for easy setup.

## Affordable—only \$230.00!

Just add the BSC hood conversion kit to any Model EBT721. Call today for available models and pricing. Distributor contacts and additional product information are available at [www.alnor.com](http://www.alnor.com).

Call toll-free 800.424-7427

Fax to 651.490.3824

E-mail to [customerservice@alnor.com](mailto:customerservice@alnor.com)



Shown with EBT721 Air Capture Hood



## specifications

<b>range</b>	DIFFERENTIAL PRESSURE	±15 in. H <sub>2</sub> O, (3735 Pa) 150 in. H <sub>2</sub> O maximum safe operating pressure
	ABSOLUTE PRESSURE	15 to 40 in. Hg (356 to 1016 mm Hg)
	VELOCITY	25 to 8,000 ft/min (0.125 to 40 m/s) pitot probes; 25 to 5,000 ft/min (0.125 to 25 m/s) air flow probe; 25 to 2,500 ft/min (0.125 to 12.5 m/s) velocity matrix;
	VOLUME	25 to 2,500 ft <sup>3</sup> /m (42 to 4250 m <sup>3</sup> /h) capture hood
	TEMPERATURE	-40 to 250 degrees F (-40 to 121 degrees C) temperature probe 14 to 140 degrees F (-10 to 60 degrees C) temperature probe/RH probe
<b>resolution</b>	RH	0 to 95% RH temperature/RH probe
	PRESSURE	0.00001 in. H <sub>2</sub> O (0.001 Pa) Static & Differential Pressure 0.01 in. Hg (1 mm Hg) Absolute Pressure
	VELOCITY	1 ft/min (.01 m/s)
	VOLUME	1 ft <sup>3</sup> /min (1 m <sup>3</sup> /h)
	RH	0.1% RH
<b>accuracy</b>	TEMPERATURE	0.1 degrees F (0.1 degrees C)
	PRESSURE	±2% of reading ±0.001 in. H <sub>2</sub> O, (0.25 Pa) Static & Differential Pressure ±2% of reading Absolute Pressure
	VELOCITY	±3% of reading ±7 ft/min (0.04 m/s) > 50 ft/min
	VOLUME	±3% of reading ±7 ft <sup>3</sup> /min > 50 ft/min
	RH	±3% RH
<b>units</b>	TEMPERATURE	±0.5 degrees F (0.3 degrees C) from 32 to 160 degrees F (0 to 71 degrees C) typically ±2.0 degrees F (1.2 degrees C) from -40 to 32 degrees F (-40 to 0 degrees C) and from 160 to 250 degrees F (71 to 121 degrees C)
	PRESSURE	in. H <sub>2</sub> O, Pa, mm Hg, in. Hg, cm Hg, mm H <sub>2</sub> O, cm H <sub>2</sub> O
	VELOCITY	ft/min, m/s
	VOLUME	ft <sup>3</sup> /min, m <sup>3</sup> /h, m <sup>3</sup> /m, l/s
	TEMPERATURE	degrees F, degrees C
<b>statistics</b>		min, max, average up to 1000 readings
<b>data storage</b>		1000 readings, time & date stamped
<b>logging interval</b>		user selectable (10 to 600 seconds)
<b>response time</b>		2 to 8 seconds
<b>display</b>		6 digit, 0.75 in. character height, multi-line, sectored, multiple symbolic icons, high-contrast backlit LCD
<b>dimensions (manometer only)</b>		7.4 in. x 4.5 in. x 2.3 in. (18.8 cm x 11.4 x 5.8 cm)
<b>weight with batteries</b>		EBT721 7.4 pounds (3.4 kg)
<b>batteries</b>		four AA-size rechargeable NiMH (included) or alkaline cells
<b>battery life</b>		minimum of 12 hours typical
<b>recharge time</b>		1 hour (external charger), 4 hours (internal charger)
<b>warranty</b>		2 year factory warranty

specifications are subject to change without notice. ]

## ordering information

model number	description
EBT721-A1	2' x 2' air capture hood/frame/base, Manometer, 4 AA size rechargeable NiMH batteries, external battery charger, AC Adapter, 18" Pitot probe, 2 Static Pressure probes, 16 ft. Neoprene tubing, Wheeled luggage style carrying case, NIST-traceable calibration certificate, CompuDat PC downloading software, and manual.
EBT721-X1	-A1 plus 16-point Velocity Matrix with telescoping handle
EBT721-O1	-X1 plus Temperature Probe
EBT721-Z1	-O1 plus Relative Humidity/Temperature probe, Air Flow Probe