


MICROMANOMETER

MODEL EBT720

The new Alnor EBT720 is one of the most advanced, versatile, and easy-to-use air balancing tools on the market today. With a variety of best in class probes it will become the everyday tool of the test and balance technicians.



Model Number	Description
EBT720-A1	Manometer with carrying case, 4 AA size rechargeable NiMH batteries, external battery charger, AC adaptor, 18" Pitot probe, 2 Static Pressure probes, 16 ft. Neoprene tubing, CompuDat™ PC downloading software, NIST-traceable calibration certificate, and manual
EBT720-X1	-A1 plus 16-point Velocity Matrix with telescoping handle
EBT720-O1	-X1 plus Temperature Probe
EBT720-Z1	-O1 plus Relative Humidity/Temperature probe

For EBT720 or 721 with European AC adaptor, change to -A2, -X2, -O2, -Z2


For EBT720 or 721 with UK AC adaptor, change to -A3, -X3, -O3, -Z3

SPECIFICATION			SPECIFICATION		
EBT720	Metric	Imperial	EBT720	Metric	Imperial
Range			Accuracy		
Differential Pressure	± 3735 Pa	± 15 in. H ₂ O	Absolute Pressure	± 2% of reading ± 0.025 mm H ₂ O	± 2% of reading ± 0.001 in. H ₂ O
	Maximum Safe Operating Pressure 150 in. H ₂ O		Velocity	± 3% of reading ± 0.04 m/s	± 3% of reading ± 7 ft/min
Absolute Pressure	356 to 1016 Hg	15 to 40 in. Hg	Volume	± 3% of reading ± 7 ft ³ /min 25 to 2,500 ft ³ /min > 50 ft/min	± 3% of reading ± 7 ft ³ /min 25 to 2,500 ft ³ /min > 50 ft/min
Velocity			RH	± 3% RH	± 3% RH
Pitot Probes	0.125 to 40 m/s	25 to 8,000 ft/min	Temperature	± 0.3°C from 0 to 71°C Typically ±0.6°C from -40 to 0°C	±0.5°F from 32 to 160°F ±1.0°F from -40 to 32°F and from 71 to 121°C and from 160 to 250°F
Air Flow Probe	0.125 to 25 m/s	25 to 5,000 ft/min	Units		
Velocity Matrix	0.125 to 12.5 m/s	25 to 2,500 ft/min	Pressure	Pa, mm Hg	in. H ₂ O, in. Hg
Volume	42 to 4250 m ³ /h	25 to 2,500 ft ³ /min	Velocity	m/s, m/h	ft/min
	Capture Hood	Capture Hood	Volume	m ³ /h, m ³ /m, l/s	ft ³ /min
RH	0 to 95% RH	0 to 95% RH	Temperature	°C	°F
Temperature	-40 to 121°C	-40 to 250°F	In the interest of product development and improvement manufacturers reserve the right to alter specifications without prior notice		
	Probe Dependant	Probe Dependant			
Resolution					
Pressure	0.001 Pa	0.00001 in. H ₂ O			
Pressure	1 mm Hg Absolute	0.001 in. Hg Absolute			
Velocity	0.1 m/s	0.1 ft/min			
Volume	0.1 m ³ /h	0.1 ft ³ /min			
RH	0.1% RH	0.1% RH			
Temperature	0.1°C	0.1°F			



www.alnor-usa.com

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