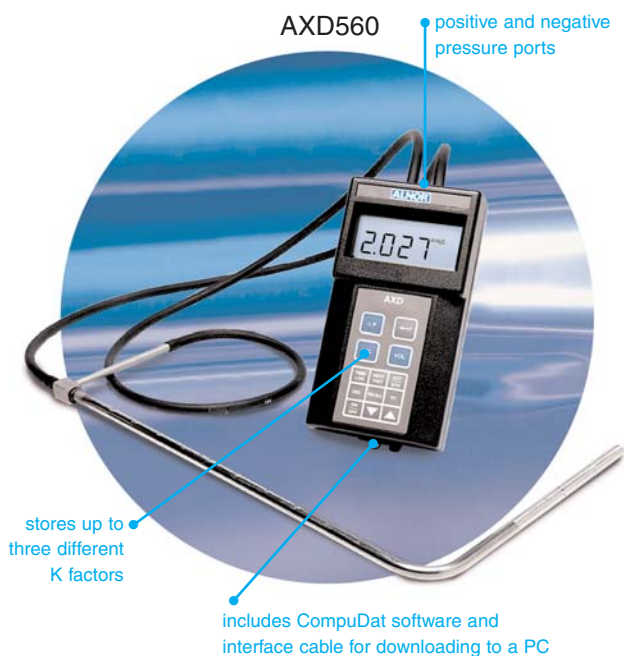


[AXD560 and AXD540 Micromanometers

Alnor Micromanometers are rugged, compact, easy-to-use instruments. The AXD540 Micromanometer is useful for any contractor or facilities engineer needing to measure pressure or velocity in general industrial applications. The AXD560 can be used in multiple situations to measure static or differential pressure, volume, and velocity. It offers excellent resolution and stores up to 1000 pressure, volume, and velocity readings that can be downloaded to a computer.



*meter shown with optional accessory probe and hoses

model

AXD560
AXD560M (metric)
AXD 560 meter only

AXD540
AXD540M (metric)
AXD 540 meter only

specifications

		AXD 560	AXD 540
range	PRESSURE	-5–15 in. H ₂ O (-1245–3735 Pa)	-5–15 in. H ₂ O (-1245–3735 Pa)
	VELOCITY	250–15,500 ft/min (1.27–78.7 m/s)	250–15,500 ft/min (1.27–78.7 m/s)
	VOLUME	up to 9,999,000 ft ³ /m, m ³ /h, l/s	NA
resolution		0.0005 in. H ₂ O (0.1 Pa)	0.001 in. H ₂ O (1 Pa)
accuracy	PRESSURE	±1% of reading ±0.005 in. H ₂ O (±1% of reading ±1 Pa)	±1% of reading ±0.005 in. H ₂ O (±1% of reading ±1 Pa)
	VELOCITY	±1.5% of reading at 2000 ft/min (10.16 m/s)	±1.5% of reading at 2000 ft/min (10.16 m/s)
	VOLUME	depends on velocity	NA
display		4 digits, 0.6 inches (15 mm) high	4 digits, 0.6 inches (15 mm) high
instrument weight		0.72 lb (0.33 kg)	0.72 lb (0.33 kg)
batteries		four AA-size alkaline cells 40 hours continuous use	four AA-size alkaline cells 40 hours continuous use

[HM670/680 Hydronic Manometers

The HM670 and HM680 are used to balance hydronic heating and cooling systems and to check pump performance. Both models can measure and display differential, high side, and low side pressures simultaneously without having to change hose connections or instrument valve settings. Both models feature a backlit display and operate on four alkaline or NiMH rechargeable batteries.

The HM680 can also display volumetric flow when a Cv (Kv) factor is programmed. Up to 100 Cv (Kv) factors can be entered. In addition, the HM680 can calculate brake power, heat flow, Cv (Kv) factors, and impeller sizing. Up to 1000 data points can be stored to memory for later recall or downloaded to a PC using this USB interface.



model

HM670

HM670 kit*

HM670M

metric
European and
International Kit

HM680

HM680 kit**

HM680M

metric
European and
International Kit

HMFIT

36 piece accessory kit

* HM670 kit: Includes hard carrying case, (2) 6.7-ft x 1/4-inch (2-m x 6 mm) hoses with shut-off valves, (2) B&G readout probes, (2) P/T gauge adapter probes, and power cord.

**HM680 kit: Includes all items in the HM670 kit plus a temperature probe, downloading software, and USB interface cable.

specifications

HM670/HM680

range	0–250 psi (0–1725 kPa)
resolution	0.001 psi from 0.000–9.999 psi (0.01 kPa from 0.00–99.99 kPa) 0.01 psi from 10.00–99.99 psi (0.1 kPa from 100.0–999.9 kPa) 0.1 psi from 100.0–250.0 psi (1 kPa from 1000–1725 kPa)
accuracy	±2% of reading
display	dot matrix LCD with backlight
instrument weight	2.65 lb (1.20 kg)
batteries	four AA-size alkaline or NiMH; minimum 12 hours continuous use