

Pressure, Vacuum and Differential Portable Manometers

AZ Series Low Cost Digital Manometers



Specifications	AZ8205	AZ8215	AZ82100	AZ8252
Range	±345.0mbar ±5.000Psi	±1000mbar ±15.00Psi	±7000mbar ±100.0Psi	±138.0mbar ±2.000Psi
Overpressure	20psi (4x)	30psi (2x)	150psi (1½x)	8psi (4x)
Accuracy	±0.3% FS	±0.3% FS	±0.3% FS	±0.3% FS
Temperature	Operating and compensated temperature range 0~50°C			
Connections	4mm Ø barbed hose connections			
Selectable units	bar - mmHg - ozin ² - kgcm ² - psi - inH ₂ O kPa - ftH ₂ O - inHg - cmH ₂ O - mbar			inH ₂ O - psi - mbar Bar - mmH ₂ O
Additional functions	Min / Max Record function with elapsed time RS232, Difference (relative) mode, backlit LCD and external power jack			
Accessories	Carry case, battery, manual and 2 x ½m pieces tubing			

HD Series Micro-Manometers and Barometer

Specifications	HD2114.0	HD2134.0	HD2164.0	HD2114B.0
Range	±20.000mbar ±2000.0Pa	±200.00mbar ±20000Pa	±2000.0mbar ±200.00kPa	600.0 ~ 1100.0mbar Barometric pressure
Overpressure	300mbar	1000mbar	6000mbar	3000mbar
Accuracy	±0.3% FS	±0.1% FS + 0.1% rdg.	±0.1% FS + 0.1% rdg.	±0.3mbar
Temperature	Operating and compensated temperature range 0~60°C			
Connections	5mm Ø quick coupling hose connections			
Selectable units	Pa - hPa - kPa - mbar - bar - atm - mmHg - mmH ₂ O - kgf/cm ² - psi - inHg			
Additional functions	Min / Max / Average / Hold / Relative and Peak			
Accessories	Carry case, batteries and manual (Optional PP471 connection cable for external transducers)			
Options	Optional external transducers for additional ranges from 10mbar up to 500bar			



HD Series Digital Manometers with separate sensors



Specifications	HD2124.1	HD2124.2
Data Logging	No (RS232 for connection to PC)	Yes, 32K memory, USB
Ranges	Dual input, External sensor dependant, from ±10mbar to 500bar - G, A or Diff.	
Overpressure & Accuracy	Varies depending on sensor - Please request separate data sheet for details	
Temperature	Can be used as precision thermometer with optional temperature probes	
Connections	Needs PP471 input cables - 2m long to connect sensors to meter Sensors have 5mm Ø hose connection or ¼" BSP male thread	
Selectable units	°C - Pa - hPa - kPa - mbar - bar - atm - mmHg - mmH ₂ O - kgf/cm ² - psi - inHg	
Additional functions	Min / Max / Average / Hold / Relative and Peak	
Accessories	Carry case, batteries, Deltalog9 software and manual	
Options	Pressure transducers with ranges from ±10mbar up to 500bar G, A or Diff. RS232 or USB cable and set of ¼" BSP fittings and gaskets	

Portable Digital Pressure Gauges

Features:

- Measuring units: psi, bar, kg/cm or atm
- Battery powered (1 x 9V alkaline)
- Approx. 100 hours battery life
- Auto-power off after 1 hour
- 17-4PH all stainless steel sensor
- ½" NPT female process connection
- Overpressure 2x rated pressure
- Operating temperature 0 to 55°C

Model selection:

DPG100:	
Range	-14 to +100psi -1 to +6.9bar
Accuracy	< ±0.5% FS
Resolution	0.1psi / 0.01bar
DPG1000:	
Range	-14 to +1000psi -1 to +69bar
Accuracy	< ±0.5% FS
Resolution	1psi / 0.1bar



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