

Pressure, Vacuum and Differential Manometers, Test Pumps, Transmitters and Gauges

AZ Series Low Cost Digital Manometers



Specifications	AZ8205	AZ8215	AZ8230	AZ82100	AZ8252
Range	±345.0mbar ±5.000Psi	±1000mbar ±15.00Psi	±2000mbar ±30.00Psi	±7000mbar ±100.0Psi	±138.0mbar ±2.000Psi
Overpressure	20psi (4x)	30psi (2x)	60psi (2x)	150psi (1½x)	8psi (4x)
Accuracy	±0.3% FS	±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
Features	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				

WRS-Y Series Pressure Pumps



Features:

- Scissor grip hand operated
- Coarse and fine adjustment
- 1/4"NPT gauge connection

Supplied with carry case,
500mm hose and standard
fittings

Model selection:

WRS-YFP20	-0.8 to 20barG
WRS-Y039	0 to 20barG
WRS-Y060	0 to 250barG
WRS-Y061	-0.8 to 0bar Vac

Options:

Set of Gauge and NPT adapters



PT503 Series Pressure Transmitters



Features:

- 4-20mA two wire output
- 9 ~ 36VDC power supply
- Process connection: G1/4" male
- Working temperature: -20 ~ +85°C
- Media temperature: -20 ~ +125°C
- All 316 stainless steel welded construction
- Hirschman connector
- IP67 protection rating
- Accuracy: ±0.3%

Model selection:

PT503-V	-1 to 0bar Vac
PT503-1B	0 to 1barG
PT503-6B	0 to 6barG
PT503-10B	0 to 10barG
PT503-16B	0 to 16barG
PT503-25B	0 to 25barG
PT503-40B	0 to 40barG
PT503-60B	0 to 60barG
PT503-100B	0 to 100barG

DPG Series 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



MADE IN THE
USA

A.W.R. SMITH Process Instrumentation CC

PO Box 449 Pinegowrie 2123 tel: 011 782 7279 fax: 086 648 7664 sales@instruments.co.za

www.instruments.co.za