

Vacuum & Pressure Gauges

Vacuum Gauge Specifications

	VG64/VG64S	VG60	VG61	VG65	VG66
Sensor Type	Thermistor	Thermistor	Thermistor	Thermistor	Thermistor
Connector Type	Standard 1/4" male flare fitting.	Standard 1/4" male flare fitting.	Standard 1/4" male flare fitting.	Standard 1/4" male flare fitting.	Standard 1/4" male flare fitting.
Vacuum Range	0 – 12,000 Microns (0 – 1,600 Pascals)	50 – 5,000 Microns	50 – 5,000 Microns	0 – 12,000 Microns (0 – 1,600 Pascals)	10 – 5,000 Microns
Scale	Microns, PSI, InHg, milliBars, Pascals, Torr, milliTorr	Microns - 10 LED segments atmosphere to 50 Microns	Microns - 10 LED segments atmosphere to 50 Microns	Microns, PSI, InHg, milliBars, Pascals, Torr, milliTorr	Microns, Torr
Resolution	0-200: 1 Micron 201-500: 5 Microns 501-1,000: 10 Microns 1,001-2,000: 50 Microns 2,001-5,000: 250 Microns 5,001-8,000: 500 Microns 8,001-12,000: 1,000 Microns			0-200: 1 Micron 201-500: 5 Microns 501-1,000: 10 Microns 1,001-2,000: 50 Microns 2,001-5,000: 250 Microns 5,001-8,000: 500 Microns	
Operating Temperature Range	35°F to 125°F (2°C to 52°C)		35°F to 125°F (2°C to 52°C)		
Overpressure	500 PSI Max (20 Bar)	500 PSI Max (20 BAR)	500 PSI Max (20 BAR)	500 PSI Max (20 BAR)	500 PSI Max (20 BAR)
Accuracy	±10% (100-1000 Microns)			±10% (100-1000 Microns)	
Power Source	9 V Battery (not included)	9 V battery (not included)	9 V battery (not included)	9 V battery (not included)	9 V battery (not included)
Auto Shutoff	Yes	No	No	Yes	N/A
Dimensions	5 1/2" x 3" x 1 1/4"	5 1/2" x 1 3/4" x 1 1/2"	9 1/2" x 6 3/4" x 2 3/4"	5 1/2" x 3" x 1 1/4"	9 1/4" x 7 1/2" x 2 3/4"
Weight	6.7 oz	6.8 oz	1.8 lbs.	1 lb 11 oz	2 lbs 6 oz

DPG25V/DPG100/DPG1000 - Digital Pressure Gauges



MADE IN THE USA



The DPG Series are digital pressure gauges featuring multiple units, selectable zero reference and automatic power off to conserve battery power. The DPG100/DPG1000 can be used with any media compatible with 17-4PH stainless steel.

Features/Benefits

- High Accuracy
- Measurement Units PSI, Bar, Kg/cm , ATM
- Easy To Use
- Stainless Steel Sensor
- No Welds or "O" Rings
- 1/8 NPT Female Connection
- Long Battery Life
- 1 Hour Auto Off

Applications

- HVAC Refrigerant Lines
- Steam Pipes
- Process Piping
- Compressed Air Lines
- Specialty Gas Piping

Product Specifications

	DPG25V	DPG100	DPG1000
Pressure Range	-14.7 to 25 PSI	-14 to + 100 PSI	-14 to + 1000 PSI
Measurement Units	InHg PSI Kg/cm, ATM	PSI, BAR, Kg/cm, ATM	PSI, BAR,
Resolution	PSI InHg BAR Kg/cm Atm	0.1 0.01 * 0.01 *	1.0 * 0.1 0.1 0.1
Accuracy		< ± 0.5% BFSL (includes Non-linearity, Hysteresis and Non-repeatability)	
Stability (1 year)		±0.25% FS (typ)	
Overrange Protection		2X Rated Pressure	
Burst Pressure		5X or 20,000 psi whichever is less.	
Pressure Cycles		> 100 Million	
Operating Temperature Range		32°F to 130°F (0°C to 55°C)	
Storage Temperature Range		-40°F to 150°F (-40°C to 65°C)	
Compensated Temperature Range		32°F to 130°F (0°C to 55°C)	
Temperature Compensation Zero		< ± 1.5% of FS	
Temperature Compensation Span		< ± 1.5% of FS	
Pressure Sensor Connection		1/8 NPT Female	
Update Rate		3 Samples per Second (typ)	
Power		9 Volt Alkaline Battery	
Automatic Power Off		1 Hour	
Battery Life 100 Hours Continuous Operation (typ)			