

Vacuum & Pressure Gauges



VG64 Digital Vacuum Gauge

Suitable for field or laboratory use, the VG64 delivers high precision at a low price.

Features/Benefits

- Ultra fine resolution: (1 Micron when vacuum \leq 200 Microns)
- Reads vacuum in 7 international units
- Display updates every 1/2 second
- Convenient built in hanger
- Cleaning port provides quick cleaning and drying of sensor
- Low battery Indicator



Accessories

PART NO.

10475 120 V Power Adapter

MFDCASE Soft Pouch

VGCVacuum Gauge Coupler



VGC Vacuum Gauge Coupler

- Eliminates leaks during service



VG64S Single Port Digital Vacuum Gauge

Same great features and specifications with single port connection.



See page 129 for Connection Application Note



VG60 Electronic Vacuum Gauge

10 segment color coded LED readout provides fast response of vacuum measurements.

Features/Benefits

- Pocket size—only 5 1/2" x 1 3/4" x 1 1/2"
- Cleanable sensor
- Single switch operation
- Low battery indication
- Color coded LED display
- Built-in hanger
- Soft case included (MFDCASE)



Accessories

PART NO.

DPGT 120 V Power Adapter



VG61 Electronic Vacuum Gauge

Enjoy the same features as the VG60 in a durable hard case. Sensor cord extends to 5 feet.

Features/Benefits

- Cleanable sensor
- Single switch operation
- Low battery indication
- Color coded LED display



VG65 Professional Series Digital Vacuum Gauge

Same great specifications as the VG64 in a rugged service case.

Features/Benefits

- Extendable service card



VG66 Professional Series Analog Vacuum Gauge

Features/Benefits

- Vacuum range 50 – 5000 microns
- 5 inch Analog meter
- Cleanable Vacuum Sensor
- 500 psi maximum overpressure
- Low battery indicator
- Expandable sensor cord (up to 6 feet)
- Sensor cord extendable using standard telephone cord
- Rugged Service case



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: 0.1 InHg: 0.01 BAR: * Kg/cm: * Atm: *	0.1 * 0.01 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)			