

DPG 1600 – DIGITAL PRESSURE GAGE WITH MAX/MIN

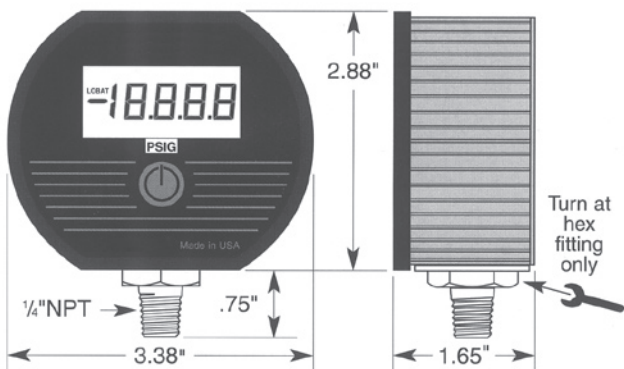
The DPG 1600 is a battery powered digital pressure gage with $\pm 0.25\%$ accuracy and may be purchased with $\pm 0.1\%$ accuracy as an option. Also available are a backlit display and NEMA 4X cover. The Display is 4 digits and provides 3 readings per second nominal display update rate. The front pushbutton turns the gage on or off and cycles through the functions. Internal potentiometers are standard for non-interactive zero, span, and linearity $\pm 10\%$ of range. The auto shutoff is set at 5 minutes but may be custom set to meet your criteria.

- **ONE TOUCH ZERO**
- **316 SS WETTED PARTS**
- **$\pm 0.25\%$ ACCURACY**
- **CAPTURE MIN/MAX READINGS**

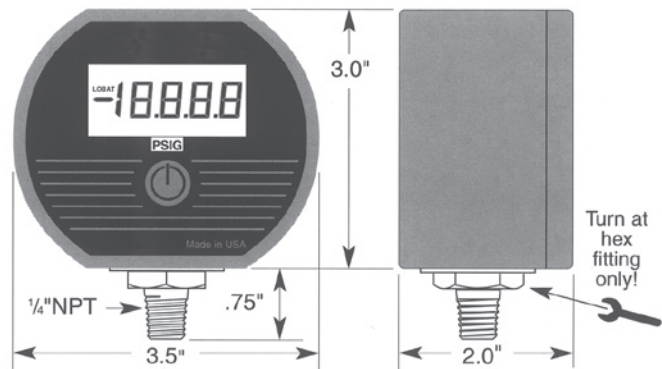
SPECIFICATIONS

PRESSURE RANGES:	3 to 5000 PSIG
ACCURACY:	0.25%, .1% Optional
MATERIAL:	Extruded Aluminum, 316 SS Wetted Parts
TEMPERATURE RANGE:	32° to 158° F - Compensated
POWER:	2 AA Alkaline batteries, approx 250 Hrs, depending on options
MAX/MIN:	Standard
DISPLAY:	4.5 digit, Backlit Display Optional
SAFE OVERPRESSURE:	5000 PSI – 3000 PSI Range 7500 PSI – 5000 PSI Range 2x Rated Pressure All Others
PRESSURE PORT:	1/4 NPT
SAFE OVERPRESSURE:	
AUTO SHUT OFF:	5 Min Standard, On/Off, or Specified Custom Time Factory Set

NOTE: NIST Certifications available for additional cost.



DPG 1600



DPG 1600 w/NEMA

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Ranges and Resolution

abs: Absolute reference (atmospheric pressure to zero at full vacuum)

vac: Vacuum gauge, minus sign not used unless specified

Resolution is fixed as indicated in table below

Contact factory for engineering units not listed

-30.0 inHg/15.0 psig	120.0 inHg	1600 mmHg	35.00 bar	1.000 kg/cm ² abs
-30.0 inHg/100.0 psig	200.0 inHg abs	760.0 torr abs	70.00 bar	1.000 kg/cm ² vac
-30.0 inHg/200.0 psig	200.0 inHg	1600 torr abs	140.0 bar	±1.000 kg/cm ²
3.000 psig	50.00 oz/in ²	2100 mmH ₂ O	200.0 bar	1.000 kg/cm ²
5.000 psig	80.0 oz/in ²	3500 mmH ₂ O	350.0 bar	2.000 kg/cm ² abs
15.00 psi abs	240.0 oz/in ² abs	210.0 cmH ₂ O	20.00 kPa	2.000 kg/cm ²
15.00 psig vac	240.0 oz/in ² vac	350.0 cmH ₂ O	35.00 kPa	4.000 kg/cm ²
±15.00 psig	±240.0 oz/in ²	1000 cmH ₂ O	100.0 kPa abs	7.000 kg/cm ² abs
15.00 psig	240.0 oz/in ²	2100 cmH ₂ O	100.0 kPa vac	7.000 kg/cm ²
30.00 psi abs	85.0 inH ₂ O	200.0 mbar	±100.0 kPa	14.00 kg/cm ²
30.00 psig	140.0 inH ₂ O	350.0 mbar	100.0 kPa	20.00 kg/cm ²
60.00 psig	400.0 inH ₂ O abs	1000 mbar abs	200.0 kPa abs	35.00 kg/cm ²
100.0 psi abs	400.0 inH ₂ O vac	1000 mbar vac	200.0 kPa	70.00 kg/cm ²
100.0 psig	±400 inH ₂ O	±1000 mbar	400.0 kPa	140.0 kg/cm ²
200.0 psig	400.0 inH ₂ O	1000 mbar	700.0 kPa abs	200.0 kg/cm ²
300.0 psig	850 inH ₂ O	2000 mbar abs	700.0 kPa	350.0 kg/cm ²
500.0 psig	7.000 ftH ₂ O	2000 mbar	1500 kPa	1.000 atm abs
1000 psig	12.00 ftH ₂ O	4000 mbar	2000 kPa	±1.000 atm
2000 psig	35.00 ftH ₂ O	1.000 bar abs	3500 kPa	1.000 atm
3000 psig	70.00 ftH ₂ O	1.000 bar vac	5000 kPa	4.000 atm
5000 psig	140.0 ftH ₂ O	±1.000 bar	3.500 MPa	7.000 atm
6.000 inHg	230.0 ftH ₂ O	1.000 bar	7.000 MPa	14.00 atm
10.00 inHg	480.0 ftH ₂ O	2.000 bar abs	14.00 MPa	20.00 atm
30.00 inHg abs	150.0 mmHg	2.000 bar	20.00 MPa	35.00 atm
30.00 inHg vac	260.0 mmHg	4.000 bar	35.00 MPa	70.00 atm
±30.00 inHg	760.0 mmHg abs	7.000 bar abs	1000 g/cm ² abs	135.0 atm
30.00 inHg	760.0 mmHg vac	7.000 bar	1000 g/cm ²	200.0 atm
60.00 inHg abs	760.0 mmHg	14.00 bar	2100 g/cm ² abs	340.0 atm
60.00 inHg	1600 mmHg abs	20.00 bar	2100 g/cm ²	