

# GENERAL PURPOSE DIGITAL PRESSURE GAUGE WITH 0.25% TERMINAL POINT ACCURACY

## DPG8000 Series



- 0.25% Full Scale Terminal Point Accuracy
- Enhanced Value vs. Mechanical Gauges
- 4-Digit Display with 1/2" High Digits
- Backlight Feature for Enhanced Visibility
- User-Selectable Engineering Units
- Maximum Pressure Indication
- Stainless Steel Wetted Parts

The DPG8000 Series digital pressure gauges offer 0.25% full scale accuracy in a rugged, easy-to-use unit at a price comparable to that of mechanical test gauges. All stainless steel wetted parts make them suitable for a wide variety of liquid or gaseous media. This series features user-selectable units of measure, allowing one gauge to be used for a variety of pressure scales.

The DPG8000 comes standard with many features that are either not available or offered only as options on many competitors' digital gauges, such as backlight, peak, hold, and a 4-digit display.

### SPECIFICATIONS

- Accuracy:** 0.25% full scale
- Ranges:** Vacuum to 9999 psi (690 bar)
- Storage Temperature:** -20 to 70°C (-4 to 158°F)
- Operating Temperature:** -10 to 60°C (14 to 140°F)
- Thermal Effects:** 0.05% per °C (0.028% per °F)
- Overpressure:**
  - Vac to 0-1000:** Proof, 200%; burst, 800%
  - 0-2000 to 0-5000:** Proof, 150%; burst, 300%
  - 0-9999:** Proof, 120%; burst, 150%

DPG8000-30 shown actual size, protective rubber boot included.



- Cycle Life:** 10<sup>6</sup> cycles 20/80% FS with negligible performance loss
- Vibration:** Less than ±0.1% FS effect for 0/2000 Hz at 20 g in any axis
- Shock:** Less than ±0.05% FS effect for 100 g, 20 ms shock in any axis
- Display Type:** LCD with selectable backlight
- Digits:** 4
- Digit Height:** 13 mm (0.5")
- Update Rate:** 100 ms
- Battery Life:** 1000 hr [2 "AAA" alkaline batteries (included)]
- Case Size:** 64 mm (2 1/2")
- Case Material:** Noryl®
- Wetted Parts:** 17-4 PH SS sensor; 316 SS socket
- Socket Size:** 1/4 NPT
- Connection:** Lower

### KEYPAD FUNCTIONS

- On/Off:** Manually turns unit on and off (4 programmable auto-off options: never, 5 minute, 10 minute, 20 minute)
- Backlight:** Manually turns backlight on and off (4 programmable backlight options)

- Maximum (Peak Hold):** Displays maximum value when activated
- Zero/Clear:** Zeros display or clears max value when activated
- Engineering Units:**
  - Vacuum:** inHg, cmHg, mmHg, kPa, bar, kg/cm<sup>2</sup>
  - Pressure:** psi, kPa, mPa, bar, kg/cm<sup>2</sup>, ftH<sub>2</sub>O
- Field Calibration:** Zero and span

To Order		
MODEL NO.	RANGE	DESCRIPTION
DPG8000-VAC	30.00 inHg Vac	Digital pressure gauge, 0 to 30 inHg vac
DPG8000-30	30.00 psig	Digital pressure gauge, 0 to 30 psi
DPG8000-60	60.00 psig	Digital pressure gauge, 0 to 60 psi
DPG8000-100	100.0 psig	Digital pressure gauge, 0 to 100 psi
DPG8000-200	200.0 psig	Digital pressure gauge, 0 to 200 psi
DPG8000-300	300.0 psig	Digital pressure gauge, 0 to 300 psi
DPG8000-500	500.0 psig	Digital pressure gauge, 0 to 500 psi
DPG8000-1K	1000 psig	Digital pressure gauge, 0 to 1000 psi
DPG8000-2K	2000 psig	Digital pressure gauge, 0 to 2000 psi
DPG8000-3K	3000 psig	Digital pressure gauge, 0 to 3000 psi
DPG8000-5K	5000 psig	Digital pressure gauge, 0 to 5000 psi
DPG8000-10K	9999 psig	Digital pressure gauge, 0 to 9999 psi

Comes complete with protective rubber boot, canvas pouch, 2 "AAA" batteries and operator's manual.  
**Ordering Example:** DPG8000-100, 0 to 100 psig general purpose digital pressure gauge with protective rubber boot.  
 DPG8000-5K, 0 to 5000 psig general purpose digital pressure gauge with protective rubber boot.