



GENERAL PURPOSE DIGITAL PRESSURE GAUGE WITH 0.25% TERMINAL POINT ACCURACY

DPGM8000
£220
All Models



- ✓ 0.25% Full Scale Terminal Point Accuracy
- ✓ Enhanced Value vs. Mechanical Gauges
- ✓ 4-Digit Display with ½" High Digits
- ✓ Backlight Feature for Enhanced Visibility
- ✓ User-Selectable Engineering Units
- ✓ Maximum / Minimum Pressure Indication
- ✓ Stainless Steel Wetted Parts

The DPGM8000 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 DPGM8000 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 700 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 0-60: Proof, 200%; burst, 800%
0-100 to 0-400: Proof, 150%; burst, 300%
0-700: Proof, 120%; burst, 150%
Cycle Life: 10⁸ 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 (2½")

Case Material: Noryl®

Wetted Parts: 17-4 PH SS sensor;

316 SS socket

Socket Size: ¼ BSP (G¾)

Connection: Lower

KEYPAD FUNCTIONS

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

Backlight: Manually turns backlight on and off (4 programmable backlight options)



DPGM8000-250, £220, shown actual size, protective rubber boot included.

Maximum/Minimum (Peak Hold): Displays max/min value when activated

Zero/Clear: Zeros display or clears max value when activated

Engineering Units: Vacuum: inHg, cmHg, mmHg, kPa, bar, kg/cm²; pressure: psi, kPa, mPa, bar, kg/cm², ftH₂O

Field Calibration: Zero and span

MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)

MODEL NO.	PRICE	RANGE	DESCRIPTION
DPGM8000-VAC	£220	1BAR Vac	Digital pressure gauge, 0 to 1 BAR VAC
DPGM8000-2.5	220	2.5 BAR	Digital pressure gauge, 0 to 2.5 BAR
DPGM8000-4	220	4 BAR	Digital pressure gauge, 0 to 4 BAR
DPGM8000-6	220	6 BAR	Digital pressure gauge, 0 to 6 BAR
DPGM8000-10	220	10 BAR	Digital pressure gauge, 0 to 10 BAR
DPGM8000-16	220	16 BAR	Digital pressure gauge, 0 to 16 BAR
DPGM8000-25	220	25 BAR	Digital pressure gauge, 0 to 25 BAR
DPGM8000-40	220	40 BAR	Digital pressure gauge, 0 to 40 BAR
DPGM8000-60	220	60 BAR	Digital pressure gauge, 0 to 60 BAR
DPGM8000-100	220	100 BAR	Digital pressure gauge, 0 to 100 BAR
DPGM8000-160	220	160 BAR	Digital pressure gauge, 0 to 160 BAR
DPGM8000-250	220	250 BAR	Digital pressure gauge, 0 to 250 BAR
DPGM8000-400	220	400 BAR	Digital pressure gauge, 0 to 400 BAR
DPGM8000-700	700	700 BAR	Digital pressure gauge, 0 to 700 BAR

Comes with protective rubber boot, canvas pouch, batteries and complete operator's manual.
Ordering Example: DPGM8000-100, 0 to 100 BAR general purpose digital pressure gauge with protective rubber boot, £220.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
ES-2262	£60	Reference Book: Air Sampling and Industrial Hygiene Engineering



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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%
Cycle Life: 10⁶ 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 (2½")

Case Material: Noryl®

Wetted Parts: 17-4 PH SS sensor; 316 SS socket

Socket Size: ¼ NPT

Connection: Lower

KEYPAD FUNCTIONS

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

Backlight: Manually turns backlight on and off (4 programmable backlight options)



DPG8000-60, £220, shown actual size, protective rubber boot included.

Maximum/Minimum (Peak Hold): Displays max/min value when activated

Zero/Clear: Zeros display or clears max value when activated

Engineering Units: Vacuum: inHg, cmHg, mmHg, kPa, bar, kg/cm²; pressure: psi, kPa, mPa, bar, kg/cm², ftH₂O

Field Calibration: Zero and span

■ MOST POPULAR MODELS HIGHLIGHTED!

To Order (Specify Model Number)			
MODEL NO.	PRICE	RANGE	DESCRIPTION
DPG8000-VAC	£220	30.00 inHg Vac	Digital pressure gauge, 0 to 30 inHg vac
DPG8000-30	220	30.00 psig	Digital pressure gauge, 0 to 30 psi
DPG8000-60	220	60.00 psig	Digital pressure gauge, 0 to 60 psi
DPG8000-100	220	100.0 psig	Digital pressure gauge, 0 to 100 psi
DPG8000-200	220	200.0 psig	Digital pressure gauge, 0 to 200 psi
DPG8000-300	220	300.0 psig	Digital pressure gauge, 0 to 300 psi
DPG8000-500	220	500.0 psig	Digital pressure gauge, 0 to 500 psi
DPG8000-1K	220	1000 psig	Digital pressure gauge, 0 to 1000 psi
DPG8000-2K	220	2000 psig	Digital pressure gauge, 0 to 2000 psi
DPG8000-3K	220	3000 psig	Digital pressure gauge, 0 to 3000 psi
DPG8000-5K	220	5000 psig	Digital pressure gauge, 0 to 5000 psi
DPG8000-10K	220	9999 psig	Digital pressure gauge, 0 to 9999 psi

Comes with protective rubber boot, canvas pouch, batteries and complete operator's manual.
Ordering Example: DPG8000-100, 0 to 100 psig general purpose digital pressure gauge with protective rubber boot, £220.

ACCESSORY

MODEL NO.	PRICE	DESCRIPTION
ES-2262	£60	Reference Book: Air Sampling and Industrial Hygiene Engineering





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