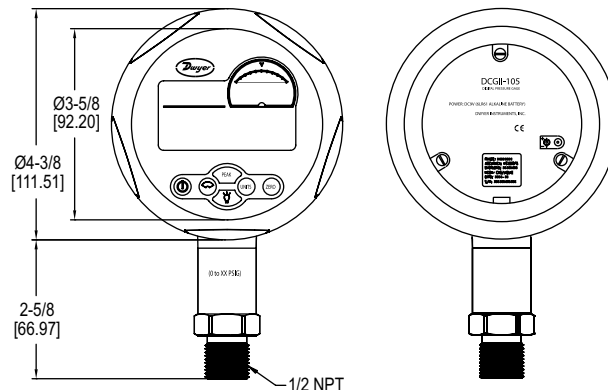


DIGITAL CALIBRATION PRESSURE GAGE

±0.05% FS Accuracy, 316 SS Wetted Parts

CALIBRATION SERVICES AVAILABLE



The **Series DCGII Digital Calibration Pressure Gauge** offers a complete pressure gauge with calibration capabilities. With a precise 0.05% full-scale accuracy and large 5 digit resolution, this gauge can be used in critical industrial applications where precision is most important. This versatile gauge only requires one 9 V battery or power adaptor and can operate up to 5,000 working hours. The Series DCGII 0.05% Digital Pressure Gauge can display percent of range, pressure swings or alarm set points. This pressure gauge comes complete with ten selectable pressure units, backlight and zeroing capability.

BENEFITS/FEATURES

- Highest accuracy provides exceptional measurement for calibration minimizing costly out of specification conditions
- Stainless steel housing resists ambient corrosion for longer service life in harsh environments
- Lightweight and slim, yet large easy to read battery-powered gauge make them easy to carry and read
- Specified with high ambient temperature rating means more robust uses and longer service-life
- Indicator can display pressure swings, minimum and maximum peak detection with alarm set points provides a multipurpose tool where critical calibration is needed

APPLICATIONS

- Field gage calibration
- Permanent installation
- Burst disc testing
- Pressure regulator testing and hydrostatic leak testing

SPECIFICATIONS

Service: Compatible, non-combustible liquids and gases.
Wetted Materials: 316 SS.
Other Materials: Housing: Aluminum alloy; Display: Acrylic MR200; Buttons: Silicon gel; Back plate: 304 SS; Back seal: Oil-proof latex.
Accuracy: 0.05% FS; ±1 least significant digit.
Temperature Accuracy: ±1°C.
Pressure Limits: 120% FS.
Temperature Limits: 14 to 122°F (-10 to 50°C).
Compensated Limits: 32 to 122°F (0 to 50°C).
Process Connection: 1/2" male NPT.
Display: 5-digit LCD with blue backlight.
Power Requirements: 9 V alkaline battery, not included, or power adaptor accessory.
Battery Life: Up to 10,000 hours (600 working hours @ default 3 times/s).
Auto Shut-Off: Backlight: On/off, 10 s, 20 s, 30 s.
Weight: 1.28 lb (0.58 kg).
Compliance: CE.

MODEL CHART

Model	Range (psig)	kPa	MPa	kgf/cm ²	mm H ₂ O	in H ₂ O	in Hg	mm Hg	psi	mbar	bar
DCGII-100	-14.7 to 0	-101.35	-0.1013	-1.0335	-10334	-406.90	-29.929	-760.21	-14.700	1013.5	-1.0135
DCGII-102	0 to 30	206.84	0.2067	2.1092	21090	830.40	61.080	1551.4	30.000	2068.4	2.0684
DCGII-103	0 to 60	413.69	0.4134	4.2184	42180	1660.8	122.16	3102.9	60.000	4136.9	4.1369
DCGII-104	0 to 100	689.48	0.6890	7.0307	70301	2768.0	203.60	5171.5	100.00	6894.8	6.8948
DCGII-105	0 to 200	1379.0	1.3780	14.061	-	5536.0	407.20	1034.3	200.00	1379.0	13.790
DCGII-106	0 to 300	2068.4	2.0670	21.092	-	8304.0	610.80	1551.4	300.00	2068.4	20.684
DCGII-109	0 to 2000	1379.0	13.780	140.61	-	5536.0	4072.0	-	2000.00	-	137.90

OPTIONS

Use order code:	Description
NISTCAL-PG2	NIST traceable pressure calibration certificate
Note: New units include data report/calibration report. NIST can be provided for an additional fee.	

ACCESSORIES

Model	Description
A-644	9 V DC power adaptor
BBV-0N	2-valve block manifold
PCHP-10	Pneumatic calibration pump

See page 194 (Series PCHP)