



Series  
DCGII

# Digital Calibration Pressure Gage

±0.05% FS Accuracy, 316 SS Wetted Parts

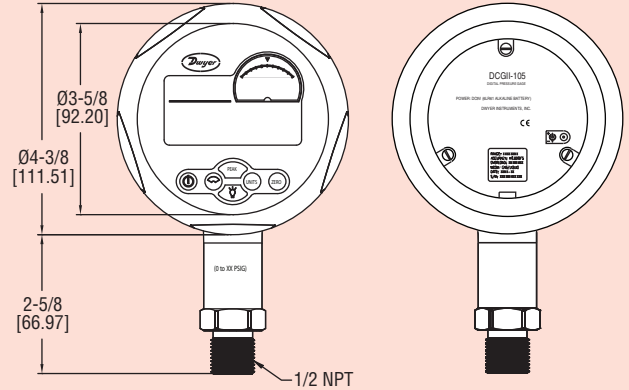


PRESSURE

Single Pressure Gages,  
Digital



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

## FEATURES

- Indicator can display percent of range, pressure swings or alarm set points
- Minimum and maximum peak detection
- Selectable 10, 20, or 30 second backlight
- Temperature indication
- Eleven selectable pressure units
- Stainless steel 1/2" male NPT connection

## APPLICATIONS

Field gage calibration, permanent installation, burst disc testing, torque data logging, 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, included, user replaceable, or power adapter 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).

**Agency Approvals:** CE.

| Model     | Range (psig) | kPa     | MPa     | kgf/cm <sup>2</sup> | in H <sub>2</sub> O | in Hg   | mm Hg    | psi     | mbar     | bar      |
|-----------|--------------|---------|---------|---------------------|---------------------|---------|----------|---------|----------|----------|
| DCGII-100 | -14.7 to 0   | -101.35 | -0.1013 | -1.0335             | -406.90             | -29.929 | -760.21  | -14.700 | 1013.5   | -1.0135  |
| DCGII-101 | 0 to 15      | 103.42  | 0.1034  | 1.0546              | 415.20              | 30.540  | 775.72   | 15.000  | 1034.2   | 1.0342   |
| DCGII-102 | 0 to 30      | 206.84  | 0.2067  | 2.1092              | 830.40              | 61.080  | 1551.4   | 30.000  | 2068.4   | 2.0684   |
| DCGII-103 | 0 to 60      | 413.69  | 0.4134  | 4.2184              | 1660.8              | 122.16  | 3102.9   | 60.000  | 4136.9   | 4.1369   |
| DCGII-104 | 0 to 100     | 689.48  | 0.6890  | 7.0307              | 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  | 10343.3  | 200.00  | 13790.0  | 13.7900  |
| DCGII-106 | 0 to 300     | 2068.4  | 2.0670  | 21.092              | 8304.0              | 610.80  | 15514.4  | 300.00  | 20684.0  | 20.6840  |
| DCGII-107 | 0 to 500     | 3447.4  | 3.4450  | 35.153              | 13840.0             | 1018.0  | 25857.7  | 500.00  | 34474.0  | 34.4740  |
| DCGII-108 | 0 to 1000    | 6894.8  | 6.8900  | 70.307              | 27680.0             | 2036.0  | 51715.5  | 1000.00 | 68948.0  | 68.9480  |
| DCGII-109 | 0 to 2000    | 13790.0 | 13.7800 | 140.61              | 55360.0             | 4072.0  | 103433.3 | 2000.00 | 137900.0 | 137.9000 |

## ACCESSORIES

**A-644**, 9V DC power adapter

**BBV-0N**, 2-valve block manifold

**PCHP-10**, Pneumatic calibration pump

## OPTION

For NIST traceable pressure calibration certificate, use order code NISTCAL-PG2.

See page 456 (Series PCHP)

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