

DigiGauge DG100

The DG100 series is a media isolated digital pressure gauge featuring multiple measurement units, min/max readings, selectable tare/zero and an automatic power off to conserve battery power.

Also, a backlight provides improved visibility under marginal lighting conditions. The DG100 will operate with any liquid or gas that is compatible with 17-4PH stainless steel. Please consult the factory for other available wetted materials. The design of this one-piece sensing element contains no silicone oil, welds or internal O-rings. The DG100 is ideal for oxygen service tanks and other critical applications where fluid filled gauges cannot be used.

PERFORMANCE @ 25°C (77°F)

Pressure Range: A number of preset ranges are available
Measurement Units: PSI, BAR, kg/cm²
Accuracy: $\pm 0.5\%$ BFSL (Includes Non-linearity, Hysteresis and Non-repeatability)
Stability (1 year): $\pm 0.25\%$ FS (typical)
Over Range Protection: 2X Rated Pressure
Burst Pressure: 5X or 20,000 PSI whichever is less
Pressure Cycles: >100 Million

ENVIRONMENTAL DATA

Temperature

Operating (Ambient): -10°C to 60°C
Storage: -20°C to 70°C

DISPLAY

0.6" LCD display and blue Backlight



SPECIFICATIONS

Power 9 Volt Alkaline Battery
Automatic Power Off 5 minutes
Battery Life: about 3.5 years
Resolution: 0.007 bar (or 0.1PSI)

PRESSURE RANGES

-14.7 TO 100 PSI
-14.7 TO 1000 PSI
-14.7 TO 5000 PSI
-14.7 TO 10000 PSI

MAKE: AMERICAN SENSOR TECHNOLOGIES-USA

