



B50000 Series Digital Pressure Gauges

- Compatible with air, liquids, and gases
- This digital pressure gauge with integral bar graph features 1% accuracy, backlighting for easy reading, and up to 7 selectable engineering units, allowing one gauge to be used in a variety of pressure applications
- Displays real-time pressure with short response times and excellent long-term stability
- The all stainless steel wetted parts make this gauge suitable for a wide variety of industrial liquids and gaseous mediums
- 4-digit LCD display with backlight provides clear readings
- Push-button zero

SPECIFICATIONS:

Accuracy: 1% F.S.
Process Connection: 1/4" NPTM
Connection: Bottom Mount
Long-Term Stability: 0.5% F.S./Year
IP Rating: IP64
Dial Diameter: 2-1/2"
Includes: (2) AAA batteries



IC640



Model No.	Mfg. No.	Max. Pressure PSI	Resolutions	Price/Each
IC640	B50015	15	0.01 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.001 Mpa	
IC641	B50030	30	0.1 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.000 Mpa	
IC642	B50100	100	0.1 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.000 Mpa	
IC643	B50500	500	1.0 PSI, 0.1 kgf/cm ² , 1 inHg, 0.01 Mpa	
IC644	B51000	1000	1.0 PSI, 0.1 kgf/cm ² , 1 inHg, 0.01 Mpa	
IC645	B53000	3000	1.0 PSI, 0.1 kgf/cm ² , 0.01 Mpa	

WITH ISO CALIBRATION CERTIFICATE

IC646	B50015-NIST	15	0.01 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.001 Mpa
IC647	B50030-NIST	30	0.1 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.000 Mpa
IC648	B50100-NIST	100	0.1 PSI, 0.001 kgf/cm ² , 0.1 inHg, 0.1 kPa, 1 in. w.c., 1 mbar, 0.000 Mpa
IC649	B50500-NIST	500	1.0 PSI, 0.1 kgf/cm ² , 1 inHg, 0.01 Mpa
IC650	B51000-NIST	1000	1.0 PSI, 0.1 kgf/cm ² , 1 inHg, 0.01 Mpa
IC651	B53000-NIST	3000	1.0 PSI, 0.1 kgf/cm ² , 0.01 Mpa

Digital Pressure Gauges

- ±0.5% full scale accuracy
- 4-digit digital display eliminates parallax errors
- Battery powered with auto-shut off
- 2000-hour battery life
- 4-button key pad allows easy access to features
- Peak and Valley function
- Tare or auto zero
- Selectable engineering units
- Display backlight

SPECIFICATIONS:

Service: Liquids and compatible gases
Wetted Materials: 316L SS
Accuracy: 0.50% f.s. ±1 LSD @ 32 to 130 °F; ±2% f.s. @ 10 °F; ±5% f.s. @ 0 °F
Pressure Limits: 2000 PSI (IA431); 7500 PSI (IA383)
Temp. Limits: 0 to 130 °F (-18 to 55 °C)
Thermal Effect: 70-130 °F: 0.016 %/°F; 32-70 °F: 0.026 %/°F; 10-32 °F: 0.09 %/°F; 0 -10 °F: 0.50 %/°F
Power Supply: (2) "AAA" batteries
Process Connection: 1/4" male NPT
Dimensions: 3.00" O.D. x 1.90" deep
Weight: 8.8 oz (275 g)



IA383



Model No.	Mfg. No.	Description	Price/Each
IA431	DPG-009	Digital Pressure Gauge, 1000 PSI	
IA383	DPG-011	Digital Pressure Gauge, 5000 PSI	

Digital Pressure Gauges

- Economical, digital pressure gauge for air and compatible gases
- Selectable engineering units
- 1% accuracy

SPECIFICATIONS:

Service: Air and compatible gases
Accuracy: ±1.0% f.s. (includes linearity, hysteresis, repeatability)
Temperature Limits: 30 to 120 °F (-1 to 49 °C)
Thermal Effect: 0.05% f.s./°F
Pressure Limits: 2X pressure range; vacuum range max. pressure is 30 PSIG
Process Connection: 1/4" male NPT
Housing Materials: ABS plastic
Wetted Materials: 316 SS, silicone sensor
Display: 4-digit LCD
Power Supply: 9 V alkaline battery (included)
Dimensions: 2.62" O.D. x 1.52" deep
Weight: 5.6 oz (160 g)



IA425



Model No.	Mfg. No.	Description	Price/Each
IA425	DPGA-00	Digital Pressure Gauge, 30" Hg VAC	
IA426	DPGA-06	Digital Pressure Gauge, 30 PSI	
IA378	DPGA-08	Digital Pressure Gauge, 100 PSI	
IA427	DPGA-10	Digital Pressure Gauge, 300 PSI	

Digital Pressure Gauges

- High ±0.25% full scale accuracy
- 4-digit digital display eliminates parallax errors
- Battery powered with auto-shut off
- 2000-hour battery life
- 4-button key pad allows easy access to features
- Peak and valley function
- Tare or auto zero
- Selectable engineering units
- Display backlight
- Liquids and non-combustible compatible gases
- Wetted materials constructed of 316SS
- 1/4" male NPT process connection
- CE, FM approved to be intrinsically safe for Class I, Div. I, Groups A, B, C and D, for ranges up to 3000 PSI



THZ291



Model No.	Mfg. No.	Description	Price/Each
THZ291	DPG-102	Digital Pressure Gauge, 15 PSI	
THZ292	DPG-103	Digital Pressure Gauge, 30 PSI	
THZ293	DPG-104	Digital Pressure Gauge, 50 PSI	
THZ294	DPG-105	Digital Pressure Gauge, 100 PSI	
THZ295	DPG-106	Digital Pressure Gauge, 200 PSI	
THZ296	DPG-107	Digital Pressure Gauge, 300 PSI	
THZ297	DPG-108	Digital Pressure Gauge, 500 PSI	
THZ298	DPG-109	Digital Pressure Gauge, 1000 PSI	
THZ299	DPG-110	Digital Pressure Gauge, 3000 PSI	
THZ300	DPG-111	Digital Pressure Gauge, 5000 PSI	