Battery Powered Test Gauges

- ❑ *±0.25% Accuracy, 316L SS Sensor*
- ❑ *Proven Stability and Reliability*
- ❑ *Models with Selectable Units, Memory*
- ❑ *Digi-Max with Min/Max, Zero*

- ❍ Portable and Rugged Test Gauge
- ❍ Auto Racing Tire Pressure
- ❍ Leak Down Testing
- ❍ ARM Replaces Mercury Manometers

Info Quick Link
cecomp.com/bat

Ranges
See range table for available engineering units
Vacuum to 5000 psi, gauge, absolute, bipolar, compound
ARM760: 760 Torr absolute

Accuracy
Standard: ±0.25% of full scale ±1 least significant digit
Optional: HA ±0.1% FS ±1 LSD (most ranges)

Display
ARM760, DPG1000, F4 ranges to 1999
3.5 digit LCD, 0.5" H digits

DPG1000, F4 ranges 2000-up, F16, F20, F22
4 digit LCD, 0.5" H, 0.25" H alphanumeric lower display

3 readings per second update rate

BL: Red LED display backlight

Controls
ARM760, DPG1000, F4 ranges to 1999
Front button turns gauge on/off

DPG1000, F4 ranges 2000-up, F16
Front button turns gauge on/off, zeroes gauge

F20, F22
3 button keypad for operation and setup

Auto Shutoff
DPG1000, F4 ranges to 1999
Factory set to 5, 10, 30 minutes, or on/off

DPG1000, F4 ranges 2000-up
Factory set to any number of minutes or hours

F16, F20, F22
User settable to any number of minutes or hours

Batteries and Battery Life
Two AA alkaline
B: up to 2500 hours
BBL: approx. 150 to 1500 hours

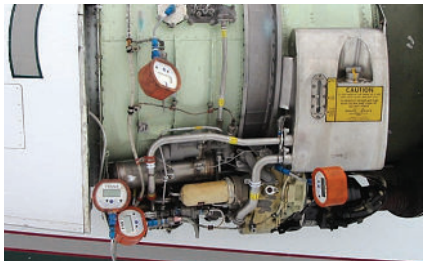
Housings
Standard: 3.38" W x 2.88" H x 1.65" D
Aluminum case, plastic bezel, optional metal bezel

NEMA 4X: 3.5" W x 3.0" H x 2.0" D plastic case
Add approximately 0.75" to height for pressure fitting

Connection and Material
¼" NPT male, 316L SS wetted parts

Environmental
Operating temperature: –4 to 185°F (–20 to 85°C)
Compensated temperature: 32 to 158°F (0 to 70°C)

Racing Tire Pressure


Turbine Engine Gear Case Leak Down Testing


Fire Extinguisher Pressure Testing


DPG1000B with RB Rubber Boot

F16B

F16BN, NEMA 4X


See Our New Heavy Duty Cases for Field Service Kits

F20, F22B with RB Rubber Boot

To Order			
Model Series	**Range**	**Auto Shutoff Time**	**Options**
See table below	See range table	Default for F16, F20, F22	See options list
_____	_____	_____	_____

Model	Ranges	NEMA	Backlight	Keypad	Calibration	Units	Memory	Shutoff
ARM760B	760 Torr absolute			1 button on/off	Front zero and span pots.	Factory set	none	Factory set to 5 minutes
ARM760BBL			Red LED					
DPG1000B	Vacuum to 5000 psi, gauge, absolute, compound, bipolar			1 button on/off	Front zero and span pots.	Factory set	none	**-5** 5 min., factory set **-10** 10 min., factory set **-30** 30 min., factory set **-ON** on/off, factory set
DPG1000BBL			Red LED					
F4B		4X						
F4BBL		4X	Red LED					
F16B	Vacuum to 5000 psi, gauge, absolute, compound, bipolar			1 button on/off, zero, cycle through min/max	Hold button at startup to zero, pass code protected calibration via internal buttons, zero, span, linearity	Internal button select	Min/max user configurable	Internal button select to desired minutes or hours or continuous on
F16BBL			Red LED					
F16BN		4X						
F16BNBL		4X	Red LED					
F20B	Vacuum to 5000 psi, gauge, absolute, compound, bipolar			3 button on/off, zero/clear, ▼, ▲	Keypad zero button, pass code protected calibration via keypad, zero, span, linearity	Keypad select	**-M4** 4 max readings **-M8** 8 max readings	Keypad select to desired minutes or hours or continuous on
F20BBL			Red LED					
F20BN		4X						
F20BNBL		4X	Red LED					
F22B	Vacuum to 5000 psi, gauge, absolute, compound, bipolar			3 button on/off, zero/clear, ▼, ▲	Keypad zero button, pass code protected calibration via keypad, zero, span, linearity	Keypad select	Min/max user configurable	Keypad select to desired minutes or hours or continuous on
F22BBL			Red LED					
F22BN		4X						
F22BNBL		4X	Red LED					

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Intrinsically Safe Portable Ruggedized Test Gauges

- ❑ *Class I, Division 1, Groups A, B, C, D*
- ❑ *All Metal Housing*
- ❑ *Digi-Max® with Min/Max, Zero*
- ❑ *±0.25% Accuracy, 316L SS Sensor*

- ❍ Battery Powered Test Gauges
- ❍ Natural Gas Pipeline Pressures
- ❍ Aircraft Tire Pressure
- ❍ NEC Hazardous Areas

Info Quick Link
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FM APPROVED

DPG2000B with RB Rubber Boot

Agency Approval
Factory Mutual Approved
Intrinsically Safe for Class I, Division 1,
Groups, A, B, C, D Hazardous Locations

Ranges and Resolution
See range table for ranges and engineering units.
Standard: Range, resolution, and units are factory set
D4: Selectable engineering units

Display
Standard: 3.5 digit LCD, 0.5" H
D4: 4 digit LCD, 0.5" H, 0.25" H alphanumeric lower
BL: Red LED display backlight
3 readings per second update rate

Accuracy
Standard: ±0.25% of full scale ±1 least significant digit
Optional: HA ±0.1% FS ±1 LSD (most ranges)

Batteries
Two AAA alkaline

Housing
Aluminum case and bezel
3.38" W x 2.88" H x 1.65" D
Add approximately 0.75" to height for pressure fitting

Connection and Material
¼" NPT male fitting
316L SS wetted parts

Environmental
Standard operating temp.: –40 to 185°F (–40 to 85°C)
D4 operating temperature: –4 to 185°F (–20 to 85°C)
Compensated temperature: 32 to 158°F (0 to 70°C)


Aircraft Tire Pressure

DPG2000B__-D4 with RB Rubber Boot

Honeywell TFE Jet Engine Testing

DPG2000B__-D4-Mx with RB Rubber Boot


Natural Gas Distribution Pressure Test Kits


Industrial Gauge Manifold


Aircraft Strut Check

To Order

Model Series	Range	Display-Memory	Auto Shutoff Time	Options

Model	Ranges	Keypad	Display	Backlight	Bat. Hrs.	Calibration	Units	Memory	Auto Shutoff
DPG2000B	Vacuum to 1999 psi, gauge, absolute, bipolar	1 button on/off	3.5 digit LCD, 0.5" H.	none	1000	Top zero and span pots.	Factory set	none	**-5** 5 min. factory set **-10** 10 min. factory set **-30** 30 min. factory set
DPG2000BBL				Hold button	150-1000				
DPG2000B____D4	Vacuum to 5000 psi, gauge, absolute, compound, bipolar	1 button on/off/ zero	4 digit LCD, 0.5" H and 5 character display	none	1000	Internal buttons, lockout switch, zero, span, linearity	Internal button select	Min/max	Internal button select for minutes, hours, or on/off
DPG2000BBL__D4				1 minute	150-750				
DPG2000B____D4-M1	Vacuum to 5000 psi, gauge, absolute, compound, bipolar	3 button on/off, zero/ clear, memory ▼, ▲	4 digit LCD, 0.5" H and 5 character display	none	1000	Keypad zero button, pass code protected calibration via keypad internal lockout switch, zero, span, linearity	Keypad select	**M1** continuous max rdg.	Keypad select for minutes, hours, or on/off
DPG2000BBL__D4-M1				1 minute	150-750				
DPG2000B____D4-M2				none	1000			**M2** min/max	
DPG2000BBL__D4-M2				1 minute	150-750				
DPG2000B____D4-M4				none	1000			**M4** 4 max readings	
DPG2000BBL__D4-M4				1 minute	150-750				
DPG2000B____D4-M6				none	1000			**M6** 6 max readings	
DPG2000BBL__D4-M6				1 minute	150-750				
DPG2000B____D4-M8				none	1000			**M8** 8 max readings	
DPG2000BBL__D4-M8				1 minute	150-750				

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Ranges

Most engineering units are shown below. See price list or consult factory for additional or custom engineering units.

InHg/psig	Range Code	PSI
–29.9 inHg-15 psi	**–30V15PSIG**	–14.7-15.0
–29.9 inHg-100 psi	**–30V100PSIG**	–14.7-100
–29.9 inHg-200 psi	**–30V200PSIG**	–14.7-200
Pounds/sq. inch	**Range Code**	**PSI**
0-3 psi	**3PSIG**	3.0
0-5 psi	**5PSIG**	5.0
15-0 psia	**15PSIA**	15.0 abs
0-14.7 psi vac	**15PSIGVAC**	–14.7
–14.7-15.0 psi	**±15PSIG**	–14.7-15.0
0-15 psi	**15PSIG**	15.0
30-0 psia	**30PSIA**	30.0 abs
0-30 psi	**30PSIG**	30.0
0-60 psi	**60PSIG**	60.0
100-0 psia	**100PSIA**	100 abs
–14.7-100 psi	**–15V100PSIG**	–14.7-100
0-100 psi	**100PSIG**	100
–14.7-200 psi	**–15V200PSIG**	–14.7-200
0-200 psi	**200PSIG**	200
0-300 psi	**300PSIG**	300
0-500 psi	**500PSIG**	500
0-1000 psi	**1000PSIG**	1000
0-2000 psi	**2000PSIG**	2000
0-3000 psi	**3000PSIG**	3000
0-5000 psi	**5000PSIG**	5000
inches Hg (0°C)	**Range Code**	**PSI**
0-6 inHg	**6INHGG**	3.0
0-10 inHg	**10INHGG**	4.9
30-0 inHg abs	**30INHGA**	14.7 abs
0-29.9 inHg vac	**30INHGVAC**	–14.7
–29.9-30.0 inHg	**±30INHGG**	±14.7
0-30 inHg	**30INHGG**	14.7
60-0 inHg abs	**60INHGA**	29.5 abs
0-60 inHg	**60INHGG**	29.5
0-120 inHg	**120INHGG**	58.9
200-0 inHg abs	**200INHGA**	98.2 abs
0-200 inHg	**200INHGG**	98.2
–29.9-200 inHg	**–30V200INHGG**	–14.7-98.2
0-400 inHg	**400INHGG**	196
–29.9-400 inHg	**–30V400INHGG**	–14.7-196
0-600 inHg	**600INHGG**	295
0-1000 inHg	**1000INHGG**	491
Inches H_2O (20°C)	**Range Code**	**PSI**
0-85 inH_2O	**85INH2OG**	3.1
0-140 inH_2O	**140INH2OG**	5.1
400-0 inH_2O abs	**400INH2OA**	14.5 abs
0-408 inH_2O vac	**400INH2OVAC**	–14.7
±408 inH_2O	**±400INH2OG**	±14.7
0-400 inH_2O	**400INH2OG**	14.5
850-0 inH_2O abs	**850INH2OA**	30.7 abs
0-850 inH_2O	**850INH2OG**	30.7
Feet H_2O (20°C)	**Range Code**	**PSI**
0-7 ftH_2O	**7FTH2O**	3.0
0-12 ftH_2O	**12FTH2O**	5.2
0-35 ftH_2O	**35FTH2O**	15.2
0-70 ftH_2O	**70FTH2O**	30.3
0-140 ftH_2O	**140FTH2O**	60.7
0-230 ftH_2O	**230FTH2O**	99.7
0-480 ftH_2O	**480FTH2O**	208
0-700 ftH_2O	**700FTH2O**	303
0-1150 ftH_2O	**1150FTH2O**	498
0-2300 ftH_2O	**2300FTH2O**	995
0-4600 ftH_2O	**4600FTH2O**	1991
0-6900 ftH_2O	**6900FTH2O**	2986
Ounces/sq. inch	**Range Code**	**PSI**
0-50 oz/in^2	**50ZING**	3.1
0-80 oz/in^2	**80ZING**	5.0
240-0 oz/in^2 abs	**240ZINA**	15.0 abs
0-235 oz/in^2 vac	**240ZINVAC**	–14.7
–235-240 oz/in^2	**±240ZING**	–14.7-15.0
0-240 oz/in^2	**240ZING**	15.0
0-480 oz/in^2 abs	**480ZINA**	30.0 abs
0-480 oz/in^2	**480ZING**	30.0
mm H_2O (20°C)	**Range Code**	**PSI**
0-2100 mmH_2O	**2100MMH2OG**	3.0
0-3500 mmH_2O	**3500MMH2OG**	5.0

3.5 digit display indicates up to 19.99, 199.9, or 1999. Some ranges may require models with 4 digit display.

cm H_2O (20°C)	Range Code	PSI
0-200 cmH_2O	**200CMH2OG**	2.8
0-210 cmH_2O	**210CMH2OG**	3.0
0-350 cmH_2O	**350CMH2OG**	5.0
1000-0 cmH_2O abs	**1000CMH2OA**	14.2 abs
0-1000 cmH_2O vac	**1000CMH2OVAC**	14.2 vac
±1000 cmH_2O	**±1000CMH2OG**	±14.2
0-1000 cmH_2O	**1000CMH2OG**	14.2
0-2000 cmH_2O	**2000CMH2OG**	28.4
0-2100 cmH_2O	**2100CMH2OG**	29.9
kiloPascals	**Range Code**	**PSI**
0-20 kPa	**20KPAG**	2.9
0-35 kPa	**35KPAG**	5.1
100-0 kPa abs	**100KPAA**	14.5 abs
0-101 kPa vac	**100KPAVAC**	–14.7
–101-100 kPa	**±100KPAG**	–14.7-14.5
0-100 kPa	**100KPAG**	14.5
200-0 kPa abs	**200KPAA**	29.0 abs
0-200 kPa	**200KPAG**	29.0
0-400 kPa	**400KPAG**	58
700-0 kPa abs	**700KPAA**	102 abs
–101-700 kPa	**–100V700KPAG**	–14.7-102
0-700 kPa	**700KPAG**	102
–101-1400 kPa	**–100V1400KPAG**	–14.7-203
0-1400 kPa	**1400KPAG**	203
0-2000 kPa	**2000KPAG**	290
0-3500 kPa	**3500KPAG**	508
0-7000 kPa	**7000KPAG**	1015
MegaPascal	**Range Code**	**PSI**
–0.1-1.4 MPa	**–0.1V1.4MPAG**	–14.7-203
0-1.4 MPa	**1.4MPAG**	203
0-2 MPa	**2MPAG**	290
0-3.5 MPa	**3.5MPAG**	508
0-7 MPa	**7MPAG**	1015
0-14 MPa	**14MPAG**	2031
0-20 MPa	**20MPAG**	2901
0-35 MPa	**35MPAG**	5076
Millibar	**Range Code**	**PSI**
0-200 mbar	**200MBARG**	2.9
0-350 mbar	**350MBARG**	5.1
1000-0 mbar abs	**1000MBARA**	14.5 abs
0-1013 mbar vac	**1000MBARVAC**	–14.7
–1013-1000 mbar	**±1000MBARG**	–14.7-14.5
0-1000 mbar	**1000MBARG**	14.5
2000-0 mbar abs	**2000MBARA**	29.0 abs
0-2000 mbar	**2000MBARG**	29.0
0-4000 mbar	**4000MBARG**	58.0
Bar	**Range Code**	**PSI**
1-0 bar abs	**1BARA**	14.5 abs
1.01 bar vac	**1BARVAC**	–14.7
–1.01-1 bar	**±1BARG**	–14.7-14.5
0-1 bar	**1BARG**	14.5
2-0 bar abs	**2BARA**	29.0 abs
0-2 bar	**2BARG**	29.0
0-4 bar	**4BARG**	58.0
7-0 bar abs	**7BARA**	102 abs
–1.01-7 bar	**–1V7BARG**	–14.7-102
0-7 bar	**7BARG**	102
–1.01-14 bar	**–1V14BARG**	–14.7-203
0-14 bar	**14BARG**	203
0-20 bar	**20BARG**	290
0-35 bar	**35BARG**	508
0-70 bar	**70BARG**	1015
0-140 bar	**140BARG**	2031
0-200 bar	**200BARG**	2901
0-350 bar	**350BARG**	5076
grams/cm^2	**Range Code**	**PSI**
0-200 g/cm^2	**200GCMG**	2.8
0-350 g/cm^2	**350GCMG**	5.0
1000-0 g/cm^2 abs	**1000GCMA**	14.2 abs
0-1037 g/cm^2 vac	**1000GCMVAC**	–14.7
0-1000 g/cm^2	**1000GCMG**	14.2
2000-0 g/cm^2 abs	**2000GCMA**	28.4 abs
0-2000 g/cm^2	**2000GCMG**	28.4
2100-0 g/cm^2 abs	**2100GCMA**	29.9 abs
0-2100 g/cm^2	**2100GCMG**	29.9

Minus sign optional for vacuum models. 15 psig, 100 psig, 200 psig, and absolute sensors are for vacuum service.

kilograms/cm^2	Range Code	PSI
1-0 kg/cm^2 abs	**1KGCMA**	14.2 abs
0-1.03 kg/cm^2 vac	**1KGCMGVAC**	–14.7
–1.03-1 kg/cm^2	**±1KGCMG**	–14.7-14.2
0-1 kg/cm^2	**1KGCMG**	14.2
2-0 kg/cm^2 abs	**2KGCMA**	28.4 abs
0-2 kg/cm^2	**2KGCMG**	28.4
0-4 kg/cm^2	**4KGCMG**	56.9
7-0 kg/cm^2 abs	**7KGCMA**	99.6 abs
–1.03-7 kg/cm^2	**–1V7KGCMG**	–14.2-99.6
0-7 kg/cm^2	**7KGCMG**	99.6
–1.03-14 kg/cm^2	**–1V14KGCMG**	–14.2-199
0-14 kg/cm^2	**14KGCMG**	199
0-20 kg/cm^2	**20KGCMG**	284
0-35 kg/cm^2	**35KGCMG**	498
0-70 kg/cm^2	**70KGCMG**	996
0-140 kg/cm^2	**140KGCMG**	1991
0-200 kg/cm^2	**200KGCMG**	2845
0-350 kg/cm^2	**350KGCMG**	4978
mmHg (0°C)	**Range Code**	**PSI**
0-150 mmHg	**150MMHGG**	2.9
0-260 mmHg	**260MMHGG**	5.0
760-0 mmHg abs	**760MMHGA**	14.7 abs
0-760 mmHg vac	**760MMHGVAC**	–14.7
±760 mmHg	**±760MMHGG**	±14.7
0-760 mmHg	**760MMHGG**	14.7
1600-0 mmHg	**1600MMHGA**	30.9 abs
0-1600 mmHg	**1600MMHGG**	30.9
Torr (0°C)	**Range Code**	**PSI**
760-0 Torr	**760TORRA**	14.7 abs
1600-0 Torr	**1600TORRA**	30.9 abs
Atmospheres	**Range Code**	**PSI**
1-0 atm abs	**1ATMA**	14.7 abs
0-1 atm vac	**1ATMVAC**	–14.7
±1 atm	**±1ATMG**	±14.7
0-1 atm	**1ATMG**	14.7
0-2 atm abs	**2ATMA**	29.4 abs
0-2 atm	**2ATMG**	29.4
0-4 atm	**4ATMG**	58.8
–1-7 atm	**–1V7ATMG**	–14.7-103
0-7 atm	**7ATMG**	103
–1-14 atm	**–1V14ATMG**	–14.7-206
0-14 atm	**14ATMG**	206
0-20 atm	**20ATMG**	294
0-34 atm	**34ATMG**	500
0-70 atm	**70ATMG**	1029
0-135 atm	**135ATMG**	1984
0-200 atm	**200ATMG**	2939
0-340 atm	**340ATMG**	4997

RB Rubber Boot

-TP Top Port Option