

## Meriam Merigauge Digital Pressure Gauge

- Accuracy of  $\pm 0.25\%$  FS (3900);  $\pm 0.10\%$  FS (3910)
- Battery or 24V DC Powered
- 4–20 mA Output (Optional)
- Adjustable SPDT Relay Outputs (Optional)
- Isolated Sensor Compatible with 316SS
- User Selectable Bar Graph
- Diaphragm Seals are Available for Pharmaceutical Applications
- Selection of Engineering Units: PSIG, Ft.H<sub>2</sub>O, "H<sub>2</sub>O (60°F, 20°C, 4°C), "Hg, BAR, mmHg, kPa and User Selectable Units
- Shutoff Timer: Selectable from Off to 50 Minutes
- Min/Max: Capture and Display Pressure Extremes
- Damping: Selectable from Off to 50 Seconds
- Model 3910 with Higher Accuracy



3900

### Specifications

Display:	4½" digit LCD, 0–100% vertical bargraph
Power:	Standard: Two 9V alkaline batteries (included) Options: Lithium batteries for use below 32°F (0°C); 24V DC or 100V AC with optional adaptor
Enclosure:	NEMA 4, 304 SS
Process Connection:	¼" male NPT, 316 SS
Operating Temperature:	32°F to 140°F (0°C to 60°C)

### B — Pressure Range

-GI0010	Digital Pressure Gauge 0–10 PSIG
-GI0050	Digital Pressure Gauge 0–50 PSIG
-GI0100	Digital Pressure Gauge 0–100 PSIG
-GI0500	Digital Pressure Gauge 0–500 PSIG
-GI1000	Digital Pressure Gauge 0–1000 PSIG
-GI1500	Digital Pressure Gauge 0–1500 PSIG
-GI3000	Digital Pressure Gauge 0–3000 PSIG
-GI5000	Digital Pressure Gauge 0–5000 PSIG
-GI6000	Digital Pressure Gauge 0–6000 PSIG
-V10050	Digital Compound Gauge VAC to 50 PSIG

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL

### Ordering Information

Insert Options in part number boxes (add option amount to gauge base price)								
A	-	B	-	1	-	2	-	3
A	MP3900	Digital Pressure Gauge $\pm 0.25\%$ of full scale						
	MP3910	Digital Pressure Gauge $\pm 0.10\%$ of full scale						
1	01	Pipe Mount Battery Power						N/C
	02	Pipe Mount External Power (requires power/output options)						N/C
	03	Panel Mount Battery Power						
	04	Panel Mount External Power (requires power/output option)						
2	1	Battery Power						N/C
	2	24 VDC Power (2-Wire)						
	3	4–20 mA Output (2-Wire)						
	4	24 VDC, 4–20 mA (4-Wire)						
	5	24 VDC, 2 relay outputs						
	6	24 VDC, 2 relay outputs, 4–20 mA						
3	00	No Approval						N/C
	01	CE Approval (Battery Option Only)						N/C
	02	CSA/Intrinsically Safe (Battery Option Only)						
MPU9VL-J-PC		Lithium Battery (2 required)						

\* Class 1, Div. 1, Groups A, B, C & D

## Meriam Mini Digital Pressure Gauge

- Pressure Ranges to 10,000 PSIG
- Accuracy:  $\pm 1\%$  of FS at Calibrated Temperature
- 4½"-Digit LCD
- One 9V Alkaline Battery (included)
- Custom Molded ABS Plastic Housing Enclosure
- 2X FS Range Over-Pressure Limits
- Isolated Sensor for Process Compatible with 17-4 pH Stainless Steel
- ¼" Male NPT Connection
- 7 Ounces
- 32°F to 122°F (0°C to 50°C) Operating Temperature

### Ordering Information

Order #	Mfg #	Description	Price
MP3800-GI0050	3800-GI0050	Digital Gauge, 0–50 PSIG	
MP3800-GI0100	3800-GI0100	Digital Gauge, 0–100 PSIG	
MP3800-GI0500	3800-GI0500	Digital Gauge, 0–500 PSIG	
MP3800-GI1000	3800-GI1000	Digital Gauge, 0–1000 PSIG	
MP3800-GI1500	3800-GI1500	Digital Gauge, 0–1500 PSIG	
MP3800-GI3000	3800-GI3000	Digital Gauge, 0–3000 PSIG	
MP3800-GI6000	3800-GI6000	Digital Gauge, 0–6000 PSIG	
MP3800-GI0000	3800-GI0000	Digital Gauge, 0–10,000 PSIG	

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL



3800

## Transcat Digital Test Gauge

### Ten selectable engineering units

- ±0.25% Accuracy
- Vacuum to 10,000 PSI
- Compound VAC to 15 PSI
- Min/Max Recall
- Over/Under Range Indication
- Zero Adjustment
- Rotatable Front Panel

**Each Unit Includes:** Gauge, 9V battery, and instructions.

**Standard Engineering Units Include:** PSI, kPa, mPa, mBAR, BAR, kgf/cm<sup>2</sup>, "Hg, mmHg, "H<sub>2</sub>O, and mmH<sub>2</sub>O.

### Specifications

Accuracy:	0.25% of FS
Max Indicated Pressure:	At least 105% FS
Overload Safe:	200% FS, 15,000 PSI max
Zero Adjust:	±10% FS using front-panel pushbutton
Display:	4-digit, 0-9999 LCD
Oper Temp Range:	30 to 160°F/-1 to 71°C
Battery Life:	9V alkaline battery
Pressure Connection:	1/4" NPT male
Media Compatibility:	Diaphragm isolated for fluid and gas, compatible with 17-4 PH
Size/Weight:	3.7"/9.4 cm face diameter; 1 lb/454g

**To Order:** Insert pressure range code in box.  
(Example 23300P-30 is a 30 PSI Digital Pressure Gauge)

### Ordering Information

Order #	Mfg #	Description	Price
MP23300P-□	23300P-15	Digital Pressure Gauge	
MP5845P-1	5845P-1	Optional Carrying Case	

### Codes for Digital Pressure Gauge - Place code in □

Code	PSI Range	Resolution
15	0-15	0.01
30	0-30	0.01
50	0-50	0.01
100	0-100	0.1
200	0-200	0.1
300	0-300	0.01
500	0-500	0.01
750	0-750	0.01
1000	0-1000	1
1500	0-1500	1
2000	0-2000	1
3000	0-3000	1
5000	0-5000	1
10K	0-9,999	1
VAC	VAC 30" Hg	0.02
COM	VAC-15 PSI	0.02

Transcat Accredited Calibration with Data	CALL
Transcat Accredited Calibration without Data	CALL



### Engineering Units Range Table

PSI	kPa	MPa	bar	mbar	kg/cm <sup>2</sup>	mm Hg	in Hg	in H <sub>2</sub> O	mm H <sub>2</sub> O
15.00	103.4	0.1034	1.034	1034	1.055	775.7	30.54	415.2	9999
30.00	206.8	0.2068	2.068	2068	2.111	1551	61.08	830.4	N/A
50.00	344.7	0.3447	3.447	3447	3.515	2586	101.8	1384	N/A
100.0	689.5	0.6895	6.895	6895	7.031	5172	203.6	2768	N/A
200.0	1379	1.379	13.79	N/A	14.06	9999	407.2	5536	N/A
300.0	2068	2.068	20.68	N/A	21.09	N/A	610.8	8304	N/A
500.0	3447	3.447	34.47	N/A	35.15	N/A	1018	N/A	N/A
750.0	5171	5.171	51.71	N/A	52.73	N/A	1527	N/A	N/A
1000	6895	6.895	68.95	N/A	70.31	N/A	2036	N/A	N/A
1500	9999	10.34	103.4	N/A	105.5	N/A	3054	N/A	N/A
2000	N/A	13.79	137.9	N/A	140.6	N/A	4072	N/A	N/A
3000	N/A	20.68	206.8	N/A	210.9	N/A	6108	N/A	N/A
5000	N/A	34.48	344.8	N/A	351.5	N/A	9999	N/A	N/A
9999	N/A	68.95	689.5	N/A	703.1	N/A	N/A	N/A	N/A

**Note:** N/A indicates the engineering unit does NOT display for that range.



**For Pumps, tubing, fitting and pump kits...**  
are on pages A92-A99.

## **NEW** 3-D Instruments, LLC Digital Pressure Gauge

### Intrinsically Safe

The DPG family of intrinsically safe Digital Pressure Gauges couple outstanding pressure transducer technology with sophisticated multi-temperature calibration routines to provide for 0.25% full scale accuracy over the temperature range of 32-131 deg F! Each DPG features a 4 digit LCD with adjustable 25 segment bargraph.

The HI/LO feature captures and displays pressure extremes, while an adjustable DAMPING feature improves LCD readability under pulsating pressure conditions. The DPG family can make both vacuum and positive pressure measurements utilizing a variety of Engineering Units.

Each DPG-6600 and DPG-6700 is certified traceable to NIST and comes complete with a Certificate of Conformance.



#### DPG-6600

- Powered by a 3.6 vdc Lithium cell – 5 Year life
- Intrinsically Safe: Class 1, Division 1, Groups A, B, C and D
- Vacuum Readings to -14.7 or -15 PSI on Each Pressure Range
- Multiple Engineering Units

#### DPG-6700

- Powered by 24 vdc (loop) Power – an On-Board Lithium Cell (battery back-up) Provides for 4 Year Continuous Service
- Intrinsically Safe: Class 1, Division 2, Groups C&D with Appropriate Enclosure
- Dual Adjustable Electronic DC Switches
- 4-20 mAdc Signal Output (scaleable)
- Vacuum Readings to -14.7 or -15 PSI on Each Pressure Range
- Multiple Engineering Units

### Specifications

<b>Size</b>	4 1/2" ABS; 316 SS field adjustable "bottom to back" process connection
<b>Accuracy</b>	0.25% Full Scale (includes temperature effects over Compensated range)
<b>Pressure Connection</b>	1/4" NPT male, bottom connection
<b>LCD Display:</b>	
Digits	4 digit LCD (0.75" high)
Bargraph	25 segment
<b>Sensors:</b>	
Wetted Parts	316 SS - isolated
Overpressure	2x full scale w/o calibration shift
<b>Power:</b>	
DPG-6600	3.6 vdc Lithium Cell (5 year continuous life) with adjustable auto shut-off
DPG-6700	24 vdc Loop Power (Lithium cell back-up – 4 year life)
<b>Temperature:</b>	
Operating	-40 to 185 deg F
Storage	-40 to 185 deg F
Compensated	32 to 131 deg F

### Ordering Information

Order #	Mfg #	Description	Pressure Range	Price
<b>DPG-6600 Digital Pressure Gauges – Battery Powered/No Output</b>				
MP66544-18B71	66544-18B71	Digital Pressure Gauge,	-14.7 – 0 – 50 PSIG	
MP66544-23B71	66544-23B71	Digital Pressure Gauge,	-14.7 – 0 – 100 PSIG	
MP66544-25B71	66544-25B71	Digital Pressure Gauge,	-14.7 – 0 – 200 PSIG	
MP66544-27B71	66544-27B71	Digital Pressure Gauge,	-15 – 0 – 500 PSIG	
MP66544-29B71	66544-29B71	Digital Pressure Gauge,	-15 – 0 – 1000 PSIG	
MP66544-47B71	66544-47B71	Digital Pressure Gauge,	-15 – 0 – 2500 PSIG	
MP66544-35B71	66544-35B71	Digital Pressure Gauge,	-15 – 0 – 5000 PSIG	
MP66544-38B71	66544-38B71	Digital Pressure Gauge	-15 – 0 – 10000 PSIG	
<b>DPG-6700 Digital Pressure Gauges – Loop Powered/4-20 mA Output with Dual Electronic Switches</b>				
MP67544-18B7	67544-18B71	Digital Pressure Gauge	-14.7 – 0 – 50 PSIG	
MP67544-23B71	67544-23B71	Digital Pressure Gauge,	-14.7 – 0 – 100 PSIG	
MP67544-25B71	67544-25B71	Digital Pressure Gauge,	-14.7 – 0 – 200 PSIG	
MP67544-27B71	67544-27B71	Digital Pressure Gauge,	-15 – 0 – 500 PSIG	
MP67544-29B71	67544-29B71	Digital Pressure Gauge,	-15 – 0 – 1000 PSIG	
MP67544-47B71	67544-47B71	Digital Pressure Gauge,	-15 – 0 – 2500 PSIG	
MP67544-35B71	67544-35B71	Digital Pressure Gauge,	-15 – 0 – 5000 PSIG	
MP67544-38B71	67544-38B71	Digital Pressure Gauge,	-15 – 0 – 10000 PSIG	

## Ashcroft Digital Test Gauge

- **Accuracy-**  
±.05% Full Scale Total Error Band (Includes; Terminal Point, Hysteresis, Linearity, Repeatability and Temperature from -20/150°F)
- **Seven Selectable Languages**  
English, Spanish, French, German, Italian, Portuguese, Dutch
- **.66" High Characters**  
For Maximum Readability
- **All-Welded SS Case**  
NEMA 4, Weatherproof, IP65 Enclosure
- **Configurable Functions**
  - 12 Selectable Engineering Units
  - Password Protected Disable Function
  - Password Protected Field Calibration
  - 7 Selectable Languages
  - 7 Selectable Contrast Modes
- **1500 Hour Battery Life**



### Specifications

Physical	
Dial Size:	3"
Case Material:	300 SS, Electropolished
Socket Material:	316 SS
Display	
Type:	LCD
Display Digits/Type:	4.5 Backlit LCD
Bar Graph:	0 to 100% of range
Battery-level indicator	
Keyboard Functions	
On/Off:	5 selectable options
Backlit:	5 selectable options
Min/Max:	stores min & max values
Zero/Clear:	zeros display & clears min/max values

### Ordering Information

Order #	PSI* RANGE	Price
MP30-2089-SD-02L-VAC	vacuum	
MP30-2089-SD-02L-5	5	
MP30-2089-SD-02L-10	10	
MP30-2089-SD-02L-15	15	
MP30-2089-SD-02L-30	30	
MP30-2089-SD-02L-100	100	
MP30-2089-SD-02L-160	160	
MP30-2089-SD-02L-200	200	
MP30-2089-SD-02L-300	300	
MP30-2089-SD-02L-600	600	
MP30-2089-SD-02L-800	800	
MP30-2089-SD-02L-1,000	1,000	
MP30-2089-SD-02L-1,500	1,500	
MP30-2089-SD-02L-2,000	2,000	
MP30-2089-SD-02L-3,000	3,000	
MP30-2089-SD-02L-5,000	5,000	
MP30-2089-SD-02L-7,000	7,000	

\*PSI standard with selectable units in: Absolute, °H<sub>2</sub>O, ftsw, BAR, mBAR, kPa, mPa, mmHg, cmH<sub>2</sub>O and kg/cm<sup>2</sup>

## 3D Instruments, LLC Digital Test Gauge/Calibrator

### Microprocessor Based Digital Test Gauge

- 0.10% of Reading Accuracy for Positive Pressure and 2% FS for Vacuum Range
- Intrinsically Safe for use in CI 1, Div 1, Group A,B,C and D Hazardous Area Locations.
- Vacuum Measurement on all Ranges
- 5-Digit LCD with Bold 0.65" High Digits
- HI/LO Pressure and TARE Function
- Selectable Engineering Units



65514 ▲

The 65514, delivering 0.1% of reading accuracy from 20-100% of span, features 316SS sensors and is truly temperature compensated! It will deliver this accuracy over the operating range of 14-122°F. Special low-power consumption circuitry ensures at least 1500 hours of continuous operation on 3-AA alkaline batteries.

Additional standard features include Tare, Hi/Lo pressure query, 15 min. Automatic Shut-off with defeat, Over Range and Low Battery Indication.

**Options Include:** RS-232 Data Port, front and rear Mounting Flanges, rear process connection option and NIST Calibration Certificates w/data.

**Each Unit Includes:** Manufacturer's Certificate of Conformance, Instruction Sheet and 3 AA alkaline batteries pre-installed.

### Specifications

Accuracy—all effects due to hysteresis, linearity, repeatability and temperature compensated Range	Positive Pressure: 0.1% of reading from 20-100% of FS and 0.02% FS from 0-20% of FS. Vacuum: 2% of FS (20-80% FS)
Operating Range	-10 to 50°C (14 to 122°F)
Maximum Safe Overpressure	-20 to 60° C (-4 to 140°F)
Display	200% of Full Scale; 150% FS for 0-5000
Power Supply	5-digit LCD – 0.65" digits (99999 counts)
Case Material	3 AA alkaline batt., - approx. 1500 hours life
Pressure Connection	300 Series Stainless Steel
Zero Adjust Range	¼" NPT Male; bottom connection
Size/Weight	100 % of Full Scale Approx. 5.8" x 4.8" x 2.5" HWD/1.4 lbs

### Ordering Information

Order #	Description	LCD Resolution	Price
MP65514 - 15B-□	Vac-15 PSI	.001	
MP65514 - 21B-□	Vac-30 PSI	.001	
MP65514 - 23B-□	Vac-100 PSI	.01	
MP65514 - 26B-□	Vac-300 PSI	.01	
MP65514 - 27B-□	Vac-500 PSI	.01	
MP65514 - 29B-□	Vac-1000 PSI	.1	
MP65514 - 32B-□	Vac-2000 PSI	.1	
MP65514 - 33B-□	Vac-3000 PSI	.1	
MP65514 - 35B-□	Vac-5000 PSI	.1	
-15	Front Flange Bottom Fitting– □ insert code		
-25	Front Flange Back Fitting– □ insert code		
-55	No Flange - Bottom Mount– q insert code		N/C
MP2025-0005	RS-232 Cable		

D

Pressure/Flow Test Instruments

## **NEW** Ashcroft Digital Gauges

- ±0.25% Terminal Point Accuracy
- Five Digit Display
- 4 to 20 mA Output with unlimited turndown
- Weatherproof Case
- Three Case Options: Stainless Steel, Glass
- Reinforced Thermoplastic or Aluminum (IP 65)
- Easy to Use Password Protected Menu Options
- Units PSI, kPa, MPa, mmHg, "Hg, "H<sub>2</sub>O, cmH<sub>2</sub>O, mmH<sub>2</sub>O, kg/cm<sup>2</sup>, ftH<sub>2</sub>O, BAR and mBAR
- Menu Configure Feature
- Update and Dampen Rate
- Auto-Off (2 Min, 5 Min, 15 Min, 30 Min, Never)



### Digital Industrial Gauge Ranges

Range Code	PSI
15V	Vac to 15 PSI
30V	Vac to 30 PSI
60V	Vac to 60 PSI
100P	100 PSI
160P	160 PSI
200P	200 PSI
300P	300 PSI
600P	600 PSI
1000P	1,000 PSI
1500P	1,500 PSI
2K	2,000 PSI
3K	3,000 PSI
5K	5,000 PSI
8K	8,000 PSI
10K	10,000 PSI
15K	15,000 PSI
20K	20,000 PSI

### Specifications

TYPE	2074 (battery) 2174 (4-20 loop) 2274 (line)
Case Size:	3½ or 4½
Case Material:	(3½) 300 series SS (4½) fiberglass reinforced thermoplastic (4½) black painted aluminum
Wetted Materials:	17-4 PH stainless steel sensor; 316 stainless steel socket 316 stainless steel socket
Socket Size:	1/4 NPT, 1/2 NPT (4½ case only))
Connection:	Lower (6 o'clock), 3, 9 and 12
Power Source:	Battery (3½) Two AA alkaline batteries (4½) Two C alkaline batteries Loop powered 4-20 mA Line powered, (12-36 VDC, 1 amp)
Operating Temp:	14°F/140°F (-10°C/60°C)
Agency Approvals:	CE, EN 50082-1 (1997), FM, CSA, CENELEC – ATEX 100 (all approvals pending)
Min/Max. (Peak Hold):	Displays/stores min./max. values
Zero/Clear:	Zeros display or clears min. and max. values
Switching:	(with 2274 only) (1) or (2) SPDT switches, Max contact rating: 30 Vdc-1 amp, 25Vac .5 amp

To Order (Example) 30 2274 SD 02 L 300# XU1BL

### Ordering Code (3" Stainless Case):

A	B	C	D				
Size	Type	Price	Socket	Conn.	Location	Range #	Options
30	2074 – Battery Powered		SD	02 (1/4")	L –lower	---#	X--
	2174 – Loop (4-20mA)				D –3:00	See	See
	2274 – Line (12-36Vdc)				E –9:00	Chart	Chart
					T –Top		

To Order Example: 45 2074 SD 04T 100# XAYBL \$453 (=342+65+46)

### Ordering Code (4-½" Fiberglass Reinforced Thermoplastic Case):

A	B	C	D				
Size	Type	Price	Socket	Conn.	Location	Range #	Options
45	2074 – Battery Powered		SD	02 (1/4")	L –lower	---#	X--
	2174 – Loop (4-20mA)			04 (1/2")	D –3:00	See	See
	2274 – Line (12-36Vdc)				E –9:00	Chart	Chart
					T –Top		

### Options: (add to base price)

Size	4-20mA	1 SPDT	2 SPDT	Backlight	Battery Backup	Alum. Case
	AO (2274)	U1(2274)	U2(2274)	BL	BK	AY
30						
45						

## **NEW** Crystal Engineering Digital Test Gauges

### Rugged Innovative Design

- Accuracy  $\pm 0.1\%$  Reading
- Nine (9) Selectable Engineering Units
- Full 5-Digit LCD Display
- SS Case, Sensor and Filter Meet NEMA4 and IP66
- Liquids and Gasses Compatible with 316SS
- Stores Peak High and Low Values
- Temperature Compensated from -10° to 50°C
- Runs for 1500 Hours on Three AA Alkaline Batteries
- 4.4" Diameter and Weighs 500g (17.6 oz)
- 1/4" MNPT Connections
- Standard DB9 RS232 output



### Specifications

Accuracy Pressure	20% to 100% of Full Scale: $\pm(0.1\%$ of Reading) 0 to 20% of Full Scale: $\pm(0.02\%$ of Full Scale)
Vacuum	0 to -14.5 PSIG (-99.9 kPa): $\pm(0.25\%$ of Full Scale), where FS = -14.5 PSIG (-99.9 kPa)
Engineering Units	PSI, kPa, kg/cm <sup>2</sup> , "Hg, "H <sub>2</sub> O, mmHg, mmH <sub>2</sub> O, BAR, mBAR
Safe Overpressure	1.5 to 6x FS depending on range
Temperature	-10°C to 50°C (14°F to 122°F) Operating & Compensated
Connections	Pressure Connection: 1/4 male NPT
Media Compatibility	Liquids and gases compatible with 316 stainless steel
Power	Three size AA (RS6) batteries
Battery Life:	1500 hours typical (alkaline battery)
Low Battery Indicator:	Displayed battery icon
Enclosure	300 series SS sealed to NEMA4/IP66
Weight:	500g (17.6 oz.), including batteries

### Ordering Information

Catalog #	Model #	Max PSI	Description	Price
MPXP2-15	15PSIXP2	100	VAC to 15 PSI Digital Gauge	
MPXP2-30	30PSIXP2	100	VAC to 30 PSI Digital Gauge	
MPXP2-100	100PSIXP2	200	VAC to 100 PSI Digital Gauge	
MPXP2-300	300PSIXP2	600	VAC to 300 PSI Digital Gauge	
MPXP2-500	500PSIXP2	1000	500 PSI Digital Gauge	
MPXP2-1K	1KPSIXP2	2000	1,000 PSI Digital Gauge	
MPXP2-2K	2KPSIXP2	3000	2,000 PSI Digital Gauge	
MPXP2-3K	3KPSIXP2	5000	3,000 PSI Digital Gauge	
MPXP2-5K	5KPSIXP2	7500	5,000 PSI Digital Gauge	
MPXP2-10K	10KPSIXP2	15000	10,000 PSI Digital Gauge	

Standard configuration is no flange, bottom fitting  
Options: For Rear Port add -RP to the part number

## Furness Precision Pressure Indicator

- Calibrated Accuracy: 0.0% of Reading  $\pm 1$  Digit
- Ranges: .00004" to .8" and .004" to 8 "H<sub>2</sub>O
- Robust, Portable and Self Contained
- On-Site or Test Bench Use

### Specifications

Settling Time	0.5 sec to less than one digit
Overload	10x full range
Maximum Static Pressure	150 PSI
Digital Signal Meter	$\pm 24$ VDC & $\pm 24$ mA with 4 3/4 digit display
Accuracy	0.05% of reading $\pm 1$ digit
Media Compatibility	Dry non corrosive gases, 0 to 95% relative humidity non condensing, compatible with construction materials



### Ordering Information

Order #	Mfg #	Description	Price
MPPPC500	PPC500	Potable Pressure Calibrator	
MPFC0501	FC0501	Pressure Supply Unit for PPC500	

## Furness Precision Low Pressure Indicator

- Range: .00001 to 8.0000 "H<sub>2</sub>O
- Accuracy: <0.1% Reading Down to .08 "H<sub>2</sub>O
- Accuracy: <0.1% FSD from .00001 to .08 "H<sub>2</sub>O
- No Limit to Pressure Hold Time
- Not Sensitive to External Volume

### Specifications

Linearity @ 20°C	$\pm 0.09\%$ of Reading
Long Term Drift	0.2% FSD/Year
Digital Signal Meter	$\pm 20$ VDC & 0-20 mA
Accuracy	0.05% of Reading



### Ordering Information

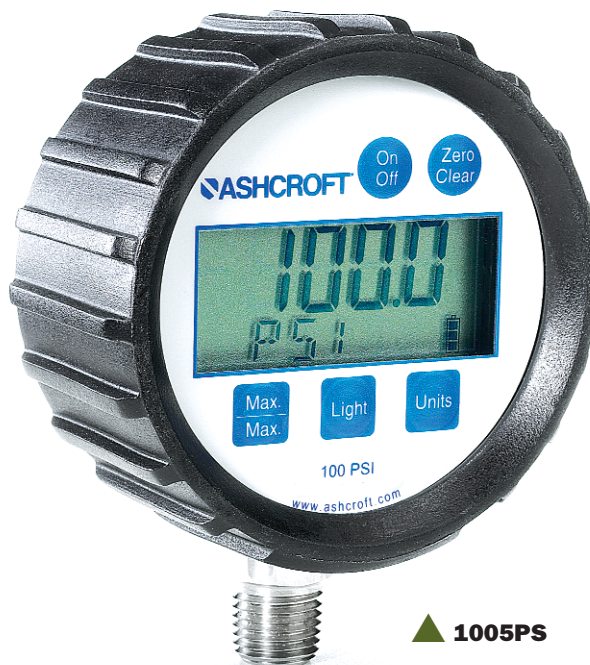
Order #	Mfg #	Description	Price
MPFC0550	FC0550	Low Pressure Calibrator/Controller	

D

Pressure/Flow Test Instruments

## **NEW** Ashcroft Digital Gauge, General Purpose

- Four Digit Display with ½ Character Size
- Nine Engineering Units PSI, "Hg, cmHg, mmHg, kPa, mPa, BAR, kg/cm<sup>2</sup>, ftH<sub>2</sub>O
- Backlight and Max-Pressure Indication
- Meets ASME B40.7
- Proof Pressure from 120% to 200% of Range
- Approval (provides EMI and RFI protection)
- ±0.5% FS Accuracy Includes Linearity, Hysteresis and Repeatability
- Terminal Point Accuracy Allows Re-Zeroing to Eliminate Sensor Offset



### Ordering Code

CODE	Range
30V	VAC to 0 PSI
30P	0 to 30 PSI
60P	0 to 60 PSI
100P	0 to 100 PSI
200P	0 to 200 PSI
300P	0 to 300 PSI
500P	0 to 500 PSI
1K	0 to 1000 PSI
3K	0 to 3000 PSI
5K	0 to 5000 PSI
10K	0 to 9999 PSI

### Ordering Information

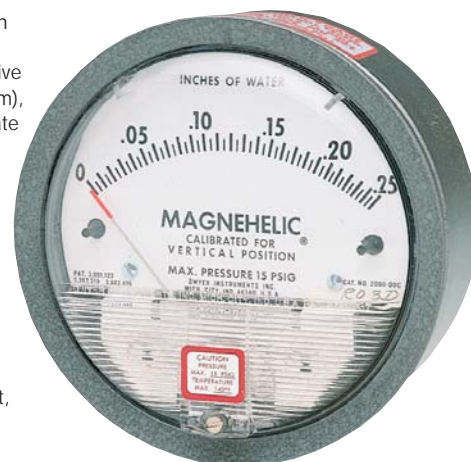
Order #	Description	Price
MP25-1005PS-02L-[CODE]	Digital Gauge	
MPXB1	Optional Gauge Boot	

## Dwyer Low Pressure/Differential Test Gauges

- Accuracy: ±2% of Full Scale
- Can be Flush or Surface Mounted
- Rugged Die Cast Aluminum Case

### Unique Design Eliminates Wear, Backlash, and Hysteresis

These low pressure gauges all measure in inches of water. Frictionless magnetic movement indicates low air or non-corrosive gas pressures—positive, negative (vacuum), or differential. There's no fluid to evaporate or freeze, and magnetic linkage protects against shock and overpressure. These modestly-priced gauges are widely used to measure fan and blower pressures, filter resistance, air velocity, furnace draft, and pressures in fluid amplifiers or fluidic systems.



**Gauges Include:** Two ½" NPT plugs, two ½" pipe thread to rubber tubing adapters, back mounting stud, washers and jam nut, and three flush mounting adapters with screws.

**Each Portable Accessory Kit Includes:** Mounting bracket, 8" metal tube, two mounting springs, 9' black rubber tubing, and carrying case.

### Ordering Information

Order #	Mfg#	Description	Price
MP7200DP	2000-00	0-.25 "H <sub>2</sub> O	
MP7201DP	2000-0	0-.50 "H <sub>2</sub> O	
MP7202DP	2001	0-1.0 "H <sub>2</sub> O	
MP7203DP	102004-00	0-2.0 "H <sub>2</sub> O	
MP7204DP	2003	0-3.0 "H <sub>2</sub> O	
MP7205DP	2004	0-4.0 "H <sub>2</sub> O	
MP7206DP	2005	0-5.0 "H <sub>2</sub> O	
MP7207DP	2006	0-6.0 "H <sub>2</sub> O	
MP7208DP	2008	0-8.0 "H <sub>2</sub> O	
MP7209DP	2010	0-10.0 "H <sub>2</sub> O	
MP7210DP	2301	.5-0-.5 "H <sub>2</sub> O	
MP7211DP	2302	1-0-1 "H <sub>2</sub> O	
MP7212DP	2310	5-0-5 "H <sub>2</sub> O	
MP7213DP	2320	10-0-10 "H <sub>2</sub> O	
MP7214DP	2330	15-0-15 "H <sub>2</sub> O	
MP7218DP	A432	Portable Accessory Package	

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