

Introducing the Ashcroft® Digigauge® Family

Ashcroft® pressure gauges have been the benchmark in pressure measurement for over 150 years...but make no mistake – these are not your father’s pressure gauges! In fact, they far surpass and out-perform the competitive digital gauges on the market today. Feature packed, with industry leading specs, these products meet a multitude of pressure measurement requirements. And, if we don’t have exactly what you need let us customize a solution for you! Check out a sample menu of available features:



Types 2074, 2174 & 2274
1/4% DIGITAL INDUSTRIAL
GAUGE 3" or 4 1/2" CASE SIZE

Types 2089, 2086 & 2084
.05% DIGITAL PRECISION
TEST GAUGE

Type DG25
0.5% GENERAL PURPOSE
DIGITAL GAUGE

DIGITAL PRECISION TEST GAUGE Types 2089, 2086 & 2084

- Unmatched accuracy of .05% full scale total error band including repeatability, linearity, hysteresis and temperature from 0/150° F
- Rugged, weatherproof, NEMA 4, IP65 case, CE, FM, CSA (FM/CSA approval not available on vacuum range & compound ranges up to 15 psi)
- Industry’s largest display height of .66" in industry’s smallest case of 3"
- Field recalibration capability
- Backlight display standard
- Seven languages

DIGITAL INDUSTRIAL GAUGE Types 2074, 2174 & 2274

- 1/4% full-scale terminal point accuracy
- IP65 weatherproof case
- 3" stainless steel, 4 1/2" aluminum, 4 1/2" polypropylene cases
- Extra large .88" character size
- Menu-driven display for additional features and user customization
- Password protected calibration
- Optional backlight display
- Optional (1) or (2) SPDT switches
- Optional 4-20mA output with battery backup

DIGITAL GENERAL PURPOSE GAUGE Type DG25

- 0.5% terminal point accuracy (0.25% optional)
- Five-digit LCD display with large .48" character size
- New bar graph display (20 segment)
- Nine engineering units of measure plus one user programmable unit
- Capable of measuring gauge, vacuum and compound ranges from -14.7 psi through 25,000 psi
- IP67 weatherproof enclosure
- CE compliant, RoHs compliant, UL and cUL 61010-1 (approval pending)
- The versatile and economical choice for a wide variety of applications

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	0.5% GENERAL PURPOSE	¼% INDUSTRIAL	.05% PRECISION
			
TYPE	D1005PS	2074 (battery) 2174 (4-20 loop) 2274 (line)	2089 (0.05% F.S. total error band accuracy), 2086 (0.10% F.S. total error band accuracy), 2084 (0.25% F.S. total error band accuracy)
Accuracy:	0.5% F.S.	¼% F.S.	0.05%, 0.10% or 0.25% all F.S.
Case Size:	2½"	3", 4½"	3"
Case Material:	Polycarbonate/ABS	(¾") 300 series SS (4½") fiberglass reinforced thermoplastic (4½") black painted aluminum	300 Series SS Electropolished
Wetted Materials:	17-4 PH stainless steel sensor; 316L stainless steel socket, laser welded	17-4 PH stainless steel sensor; 316 stainless steel socket	316 Stainless Steel
Socket Size:	¼ NPT standard, others available	¼ NPT, ½ NPT (4½" case only) (others on appl.)	¼ NPT M, JIS, DIN, SAE, (others on appl.)
Connection:	Lower 6 o'clock (standard), 12 o'clock (optional)	Lower (6 o'clock), 3, 9 and 12 o'clock	Lower (6 o'clock), 3 and 9 o'clock
Ranges:	psi and bar ranges from -14.7 to 25,000 psi (see engineering units for other units of measurement)	Vac. thru 20,000 psi including compound (see engineering units below for other units of measurement)	Vac. thru 7000 psi including compound (see engineering units below for other units of measurement)
Power Source:	Two AA alkaline batteries	Battery (¾") Two AA alkaline batteries (4½") Two C alkaline batteries Loop powered 4-20mA Line powered, (12-36 Vdc, 1 amp)	Three AAA alkaline batteries
Battery Life:	2000 hrs minimum	(¾") >1000 hrs	>1000 hrs.
Operating Temp.:	-4°F/140°F (-20°C/60°C)	14°F/140°F (-10°C/60°C)	Temperature corrected from 0/150°F (-18/63°C)
Storage Temp.:	-4°F/140°F (-20°C/60°C)	-4°F/158°F (-20°C/70°C)	-40/180°F (-40/82°C)
Agency Approvals:	CE compliant, RoHs compliant, UL and cUL 61010-1 (approval pending)	CE, EN 50082-1 (1997), FM, CSA, CENELEC - ATEX 100	CE, EN 50082-1 (1997), FM, CSA (FM/CSA approval not available on vacuum range & compound ranges up to 15 psi) CENELEC - ATEX 100 (approval pending)
DISPLAY			
Type:	LCD	LCD	LCD
Display Digits:	5	5	5
Character Height:	0.48" upper, 0.24" lower	(¾") .60", (4½") .88"	.66"
Backlight:	Optional (Blue)	Optional	STD
KEYPAD FUNCTIONS			
On/Off:	Manually turns unit on and off, four options; never, 5 min, 10 min, 20 min	Manually turns unit on and off, four options; never, 2 min, 5 min, 15 min, 30 min	Manually turns unit on and off, four options; never, 2 min, 5 min, 10 min, 20 min
Backlight:	Five auto off options: Immediate, on/off, 30 sec., 1 min., 5 min.	Five auto off options: Never, 2, 5, 10 or 30 sec., 1 min.,	Five auto off options: On/off, 10 sec., 30 sec., 1 min., 5 min.
Min/Max. (Peak Hold):	Displays/stores min./max. value when activated	Displays/stores min./max. values	Displays/stores min./max. values when displayed
Zero/Clear:	Zeros display or clears max. values	Zeros display or clears min. and max. values	Zeros display or clears min. and max. values
Engineering Units:	psi, bar, inHg, cmHg, mmHg, kPa, mPa, kg/cm², ft H₂O	psi, mmHg, in H₂O with three temperature options: 20°C, 60°F, 4°C, mBar, in Hg, ftH₂O, mPa, kPa,	psi, in.Hg, in.H₂O, ftSW, Bar, mBar, kPa, mPa, mmHg, cmH₂O, mmH₂O, kg/cm²
Field Calibration:	Zero midpoint and span	Password protected, zero, midpt and span	Password protected, zero and span
Switching: (with 2274 only)	N/A	(1) or (2) SPDT switches, Max contact rating; 30 Vdc-1 amp, 25Vac .5 amp	N/A
Options:		Many options including; diaphragm seals, 3' flying leads, battery backup	

CE compliant, RoHs compliant, UL and cUL 61010-1 (approval pending)