

Ashcroft® Digital Sanitary Pressure Gauges

Get more flexibility

- Offer 3A rating with the functionality of a digital gauge
- Get readings how you need them—ten engineering units
- Unlimited deadband throughout its range



Specifications

Accuracy: ±0.25% full-scale
Units of measure: psi, " H₂O, ft H₂O, mPa, mbar, kPa, kg/cm², bar, " Hg, mm Hg
Operating temp: 14 to 140°F (10 to 60°C)
Wetted materials: 316 stainless steel
Power: two C batteries

Display: 5-digit LCD, 0.88"H
Process connection: 1½" sanitary Tri-Clamp®
Zero adjustment range: manual adjustment using menu
Casing: 300 stainless steel
Lens: polyester
Dial size: 3½" (89 mm)

Range	Resolution	Catalog number	Price
30 to 0" Hg	0.0001" Hg	GH-68901-50	
0 to 30 psi	0.0001 psi	GH-68901-51	
0 to 60 psi	0.005 psi	GH-68901-52	
0 to 100 psi	0.005 psi	GH-68901-53	
0 to 200 psi	0.01 psi	GH-68901-54	

[GH-17040-12](#) NIST-traceable calibration with data

Ashcroft® 3½" (89 mm) Sanitary Gauges

No stop pin to mask false zero reading

- Meet USDA and FDA requirements and 3A Sanitary Standard 74-00
- Glycerin filled gauges use USP grade glycerin (99.5% pure)



Specifications

Accuracy: ±1.5% from 100 to 400 psi; 2% from 0 to 100 psi (ANSI/ASME Grade 1A)
Operating temp: –50 to 270°F (–45 to 132°C)

Wetted materials: 316L SS
Lens: polycarbonate
Process connection: 1½" Tri Clamp®
Casing: 300-series SS
Dial size: 3½" (89 mm)

Range	Catalog number	Price
Dry-case gauges		
0 to 30 psi	GH-68806-10	
0 to 60 psi	GH-68806-11	
0 to 100 psi	GH-68806-12	
Glycerin-filled gauges		
0 to 30 psi	GH-68802-10	
0 to 60 psi	GH-68802-11	
0 to 100 psi	GH-68802-12	

[GH-17040-10](#) NIST-traceable calibration with data

WIKA 3A Sanitary Gauges

Get better readings

- Glycerin fill reduces fluctuations
- Manufactured for clean-in-place (CIP) applications
- All-welded gauge assembly contains an external flush diaphragm
- Assembly meets the criteria set forth by 3A standards



Specifications

Accuracy: ±3-2-3% of span
Operating temp: 50 to 257°F (10 to 125°C)

Wetted materials: 316L SS
Lens: polycarbonate

Process connection: ¾" Tri-Clamp®
Casing: 304 SS
Dial size: 2½" (64 mm)

Range	Resolution	Catalog number	Price
30 psi	0.5 psi	GH-68056-72	
60 psi	1 psi	GH-68056-74	
100 psi	2 psi	GH-68056-76	
160 psi	2 psi	GH-68056-78	

[GH-17040-10](#) NIST-traceable calibration with data

PVDF and PP Mechanical Pressure Gauges

Won't crack under pressure

- Molded from a harder blend of polymers, making them more resistant to cracking or breaking during installation and use
- Ideally suited for use in ultra-pure water and aggressive chemicals
- Diaphragm seal and gauge molded into one unit
- All gauge casings are dry but can be filled



PVDF gauge 68000-11

Specifications

Accuracy: ±1.5% full-scale
Units of measure: psi, bar, and kPa

Operating temp: –4 to 140°F (–20 to 60°C)
Wetted materials: PTFE or Viton

Lens: heavy-duty glass
Process connection: ¼" or ½" NPT(F)
Dial size: 2½" (64 mm)

Range (psi)	¼" NPT(F) connection		½" NPT(F) connection	
	Catalog number	Price	Catalog number	Price
PVDF gauge; PTFE diaphragm seal				
0 to 15	GH-68000-01		GH-68000-13	
0 to 30	GH-68000-03		GH-68000-15	
0 to 60	GH-68000-05		GH-68000-17	
0 to 100	GH-68000-07		GH-68000-19	
0 to 160	GH-68000-09		GH-68000-21	
0 to 200	GH-68000-11		—	
PP gauge; Viton diaphragm seal				
0 to 15	GH-68000-25		GH-68000-37	
0 to 30	GH-68000-27		GH-68000-39	
0 to 60	GH-68000-29		GH-68000-41	

[GH-17040-10](#) NIST-traceable calibration with data