

1032 Sanitary Pressure Gauge

Features

- Can be Clean-in-place (CIP) or Steam-in-place (SIP)
- Autoclave or sterilize with 3½" dial with polysulfone window option
- Easy Zero™ provides external adjustability of instrument span (3½" dial)
- 12-15 RA (microinches) electropolished diaphragm surface
- Material certificates and certificate of conformance supplied as standard to EN 10204:2004 3.1
- **PLUS!™** Performance option

Typical Uses

- Specialized OEM equipment
- Filtration
- Food and dairy
- Pharmaceutical
- Biotech
- Medical equipment

Specifications

Accuracy: (Of Span)		Liquid Filled or XLL
	2½", 3½" All ranges to 100 psi	±2% ±2.5%
	2½", 3½" Pressure over 100 psi	±1.5% ±2%
	4½"	±1.5% ±1.5%
Dial Sizes:	2½", 3½" or 4½"	
Ranges:	Vacuum, compound to 1,000 psi	
Fill:	Glycerin (USP food grade), Halocarbon®, mineral oil, food grade silicone	
Process Connection Location:	Lower or lower back	
Process Connection:	1½" or 2" Tri-Clamp®	
Pointer:	2½": Black-painted aluminum, adjustable 3½": Black-painted aluminum with ext. adjust 4½": Black-painted aluminum, adjustable	
Dial:	White with black markings with 3A-74 logo	
Clean or Steam in Place (CIS, SIP):	Process temperature limit of 280 °F (138 °C)	
Case Style:	Open Front	
Window Material:	2½", 3½": Polycarbonate 4½": Glass	
Movement:	2½", 3½": 300 Stainless steel 4½": 400 Stainless steel	
Weather Protection:	2½" & 3½" IP65 4½" Dry: IP54 4½" Hermetically sealed or liquid filled IP65	
Autoclave or Sterilize:	3½": Temperature limit of 300 °F (149 °C) when supplied with Polysulfone window (option PS dry gauge only)	


1032

2½", 3½", 4½" dial sizes

Key Benefits

- True Zero™ reduces reading errors by using a "zero box" instead of conventional pins
- Electropolished diaphragm and housing
- Heat lot traceable material certificates

Specifications (Cont.)

Dampening Options: Liquid fill or **PLUS!™** Performance (Design is not recommended for gauges expected to be exposed to temperature over 200 °F (93 °C). This includes gauges subject to autoclaving.

Approvals: 3A compliance to sanitary standard 74, CRN, RoHS

Wetted Components

Diaphragm	Process Connection	Joints
316L Stainless steel electropolished Hastelloy® C276	316L Stainless steel Hastelloy® C276	Welded

Non-Wetted Components

Case	Ring
300 Stainless steel polished	300 Stainless steel polished bayonet, removable

Contact Us

1.800.328.8258
 ashcroft.com

All specifications are subject to change without notice. All sales subject to standard terms and conditions.

Ashcroft®, Easy Zero™, Plus!™, True Zero™, Trust the Shield® are trademarks of Ashcroft Inc.

The following non-Ashcroft trademarks are the property of their respective owners: Halocarbon®, Hastelloy®, Neobee®, Tri-Clamp®.

For more information, see [Ashcroft Brands & Trademarks](#) ©2025 Ashcroft Inc. 1032_gauge_ds_RevN_25-April-26

1032 Sanitary Pressure Gauge

Ordering Code	Example:	251032	S		15	L	-XC4	100#
Dial Size/Model								
251032 - 2½"		251032						
351032 - 3½"								
451032 - 4½"								
System								
S - 316L Stainless steel tube and socket, 316L diaphragm and seal housing			S					
H - 316 Stainless steel tube and socket, Hastelloy® C276 diaphragm and seal housing								
Case Fill								
Blank - Dry gauge								
L - Liquid fill (Food Grade Glycerine)								
Process Connection Size								
15 - 1½" Tri-Clamp® (2½" and 3½" dial only)					15			
20 - 2" Tri-Clamp®								
Process Connection Location								
L - Lower						L		
B - Lower Back								
D - Side (3 o'clock)								
E - Side (9 o'clock)								
T - Top								
Options (If choosing an option(s) must include an "X")								-X _ _
Dampening								
LJ - Unfilled liquid filled gauge								
LL - PLUS! ™ performance								
MO - Mineral oil case fill								
NZ - PLUS! ™ performance silicone free								
ZF - Food grade silicone case fill								
System/System Fill								
DE - 316L SS Tube and Socket, 1.4435 SS Diaphragm and 316L SS Seal Housing								
CF - Halocarbon® system fill								
CZ - Food grade silicone system fill								
FJ - Distilled water system fill								
GX - Halocarbon® case fill								
MY - Mineral oil system fill								
NM - Neobee® M-20 system fill								
TC - Teflon Coated diaphragm (1½" Tri-clamp only)								
Mounting								
FF - Front flange								
UC - U-clamp								
Windows								
SG - Laminated safety glass								
Tags								
NH - Stainless tag								
NN - Paper tag								

1032 Sanitary Pressure Gauge

Ordering Code (continued)	Example:	251032	S		15	L	-XC4	100#
Test and Calibration Report								
GM - Glycerin traceability								
MQ - Positive Material Identification (PMI) (Diaphragm and top housing only)								
C4 - Individual certified calibration chart								
Special Cleaning								
6B - Cleaned for gaseous oxygen service (requires Halocarbon® or distilled water case and systems fill)								
6W - Cleaned for gases other than oxygen								
Special Dials								
AB - Absolute pressure								
DA - Dial marking								
Capillary								
B4 - 2 feet SS armored capillary and food grade silicone. (Requires XUC in part number)								
B5 - 5 feet SS armored capillary and food grade silicone. (Requires XUC in part number)								
B6 - 10 feet SS armored capillary and food grade silicone. (Requires XUC in part number)								
B7 - 20 feet SS armored capillary and food grade silicone. (Requires XUC in part number)								
Range (Coding examples only, see range table on page 3)								
Single Scales								
15# - 15 psi								
1BR - 1 bar								
1KSC - 1 kg/cm ²								
100KP - 100 kPa								
Dual Scales								
15#/BR - 15 psi inner scale, 1 bar outer scale								
1BR/# - 1 bar inner scale, 15 psi outer scale								
Certification (miscellaneous charges not included within model code)								
CD-1 - Certificate of Conformance to Specifications and/or Drawings								
CD-1A - Non-Standard Certificate of Conformance to Specifications and/or Drawings								
CD-4 - Traceable calibration chart in accordance to ASME B40.100								
CD-5 - Certificate of compliance for refineries to NACE MRO103-2010 and for Oil fields (production) to NACE MRO175/ ISO15156-2009. Gauge wetted parts must be 316 SS or Monel.								
CD-6 - Typical material cert								
CD-25 - Recalibration chart (as received and as shipped accuracy) list/gauge								
CD-94 - EAC certification: lot charge per PO								
Range (Coding examples only, see range table on page 4)								
Vacuum (30 IMV)								
100# - 100 psi								100#
1000# - 1,000 psi (range required high pressure type clamp, not supplied by Ashcroft)								

1032 Sanitary Pressure Gauge

Standard Pressure Ranges						Fill Fluid	Temperature	Viscosity (cSt at 70 °F/21 °C)
Vacuum	psi	bar	kPa	kg/cm ²	Dual Scale psi Outer Scale			
	30IMV	-1BR	100KP	-1KSC	30IMV	Glycerin (food grade)	0 °F to 400 °F (-18 °C to 204 °C)	1,300
Compound	30IMV&15#	—	—	—	—	Silicone (food grade)	-40 °F to 500 °F (-40 °C to 260 °C)	350
	—	-1&1.5BR	-100&150KP	-1&1.5KSC	30IMV&20#	Halocarbon 4,2	-70 °F to 300 °F (-57 °C to 199 °C)	4.2
	30IMV&30#	—	—	—	—	Mineral Oil	10 °F to 400 °F (-12 °C to 204 °C)	75
	—	-1&3BR	-100&300KP	-1&3KSC	30IMV&40#	Neobee M-20 (food grade)	5 °F to 400 °F (-15 °C to 204 °C)	9.5
	30IMV&60#	—	—	—	—	Distilled Water	40 °F to 185 °F (4 °C to 85 °C)	.9
	—	-1&5BR	-100&500KP	-1&5KSC	30IMV&70#			
	30IMV&100#	—	—	—	—			
	—	-1&9BR	-100&900KP	-1&9KSC	30IMV&125#			
	15#	100KP	1BR	1KSC	14# ⁽¹⁾			
	—	1.6BR	160KP	1.6KSC	22#			
Positive Pressure	30#	—	—	—	—			
	—	2.5BR	250KP	2.5KSC	35#			
	60#	4BR	400KP	4KSC	55#			
	—	6BR	600KP	6KSC	85#			
	100#	—	—	—	—			
	—	10BR	1000KP	10KSC	140#			
	160#	—	—	—	—			
	200#	—	—	—	—			
	—	16BR	1600KP	16KSC	220#			
	300#	—	—	—	—			
	—	25BR	2500KP	25KSC	350#			
	400#	—	—	—	—			
	600#	40BR	4000KP	40KSC	550#			
	—	60BR	6000KP	60KSC	850#			
	1000# ⁽¹⁾	—	—	—	—			

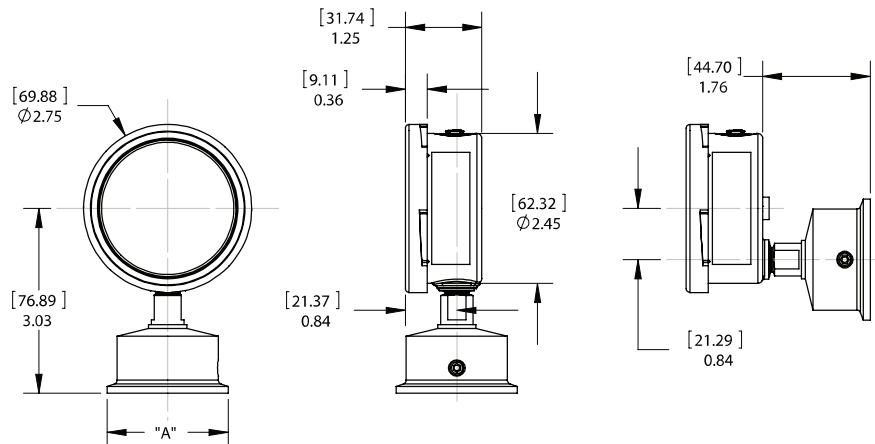
(1) Requires high pressure clamp

1032 Sanitary Pressure Gauge

Dimensions in [] are millimeters

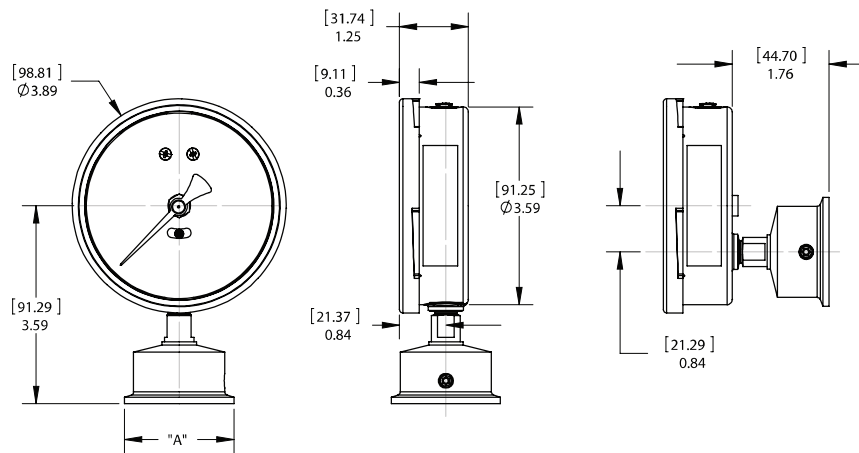
For reference only, consult Ashcroft for specific dimensional drawings

2 1/2" 1032 SANITARY GAUGE



Seal Size	Dim A
1 1/2	1.98 [51]
2	2.52 [64]

3 1/2" 1032 SANITARY GAUGE



Seal Size	Dim A
1 1/2	1.98 [51]
2	2.52 [64]

4 1/2" 1032 SANITARY GAUGE

