

Type 1032 Fractional Sanitary Pressure Gauge





FEATURES

- All-welded 316L SS Bourdon tube
- · Welded 316L SS diaphragm and seal
- USP grade glycerin (99.5% pure, system fill) standard
- 304 SS electropolished case and ring
- Electropolished diaphragm & housing
- Individual calibration certificates provided on request (XC4)
- Liquid-filled performance with dry gauges available with Flutterguard^{™(1)} lubricated movement(2)

Ashcroft® Type 1032 fractional sanitary pressure gauges have specifically been designed to meet the needs of the pharmaceutical, bio-tech, filtration, food and dairy markets. With a quick-connect clamp and diaphragm surface finish that is electropolished to 12-20RA (microinches) these instruments are also suitable for use in breweries, wineries and citrus juice production plants. With a small dial size and 3/11 Triclamp connection the 20-1032 is well suited for small scale pilot operations as well as space limited applications. The 20-1032 is only available as a dry gauge but with the Flutterguard™(1) lubricated movement option operators can have comparable protection without the issues or limitations associated with liquid-filled gauges.

(1) XZY Flutterguard design is not recommended for gauges expected to be exposed to temperatures over 200°F (93°C). This includes gauges subjected to autoclaving.

(2) Available on application. See PI page SA/PI-16 for more information

SPECIFICATIONS

Dial Size: 2"

Accuracy: 3% upscale, up to 5% downscale Case & Ring Material: 304 SS electropolished

Ring Type: Stainless steel, friction fit

Bourdon Tube and Socket Material: 316L SS

Diaphragm Material & Surface Finish:

316L SS, 12 to 20 RA (microinches) electropolished

Process Connection: 3/4" Tri-Clamp only

Connection Location: Lower only

System Fill: USP food grade glycerin standard. Other materials available

Window Material: Glass (acrylic and safety glass options available)

Pointer: Black-painted aluminum, non-adjustable

Dial: White with black markings

Movement: 300 SS

Ranges: 30# thru 600#, incl. vac/30 psi lowest. See PI page SA/PI-16 for standard ranges. Other ranges

available on application

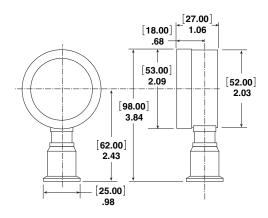
All specifications are subject to change without notice. All sales subject to standard terms and conditions.





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DIMENSIONS



STANDARD PRESSURE RANGES

Pressure								
psi	Figure int.	int. Minor grad.						
0/30	5	0.5						
0/60	10	1						
0/100	10	1						
0/160	20	2						
0/200	40	5						
0/300	50	5						
0/400	100	10						
0/600	100	10						
Compound								
	Eiguro int	Minor arad						

Compound					
	Figure int.		Minor grad.		
	in. Hg	psi	in. Hg	psi	
30″ Hg/30 psi	10	5	1	0.5	
30" Hg/60 psi	10	10	2	1	
30″ Hg/100 psi	10	10	5	2	

Order Coding Example

20	1032	S	75	L	XSG	100#
SIZE	TYPE	SYSTEM (TUBE & SOCKET)	PROCESS CONNECTION SIZE	CONNECTION LOCATION	OPTIONS (X VARIATIONS)	RANGE (psi)
(20) 2-inch	1032	(S) 316 SS Bourdon Tube and	(75) 3/4" Tri-clamp® only	(L) Lower	(C4) Individual calibration chart	0-30
		Socket			(NH) St. St. Tag	0-100
					(NN) Paper tag bonded	0-160
					(PD) Acrylic window	0-200
					(SG) Safety glass window	0-300
					(ZY)(1) Flutterguard lubricated	0-400
					movement application	0-600
						30 Hg/30#
						30 Hg/60#
*See PI page for standard Other ranges on application	ranges. available					30~Hg/100#

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