

Ashcroft® Type 1036 In-Line Sanitary Pressure Gauge with Type 1037 Sanitary Instrument Fitting

Type 1036 Sanitary Gauge

- All-welded stainless steel Bourdon tube
- Field liquid-fillable gauge case
- True Zero™ pointer indication
- PowerFlex™ movement for extended life
- Easy Zero™ external pointer adjustment standard
- Retrofits Anderson Instrument CPM design

Type 1037 Fitting

- Pipe O.D. sizes from 1/2" thru 2"
- 316L SS
- Electropolished 12-20RA internal surface finish
- Heat number stamped on each fitting

Designed specifically for the pharmaceutical, biotechnology and food processing markets, the Ashcroft® Type 1036 in-line sanitary pressure gauge and Type 1037 sanitary instrument fitting virtually eliminate process dead-leg. The design of the Type 1036 sanitary gauge and instrument fitting allows for the diaphragm of the gauge to be positioned at the gauge instrument fitting, eliminating the pocket or deadleg that may cause contamination.

The Type 1036 sanitary gauge and Type 1037 instrument fitting utilize a 1½" Tri-Clover-type mating

connection. This feature offers flexibility to use the Ashcroft Type 1036 with the Type 1037 instrument fitting on sanitary instrument fittings for pipe sizes from ½" thru 2".

The Ashcroft Type 1036 sanitary pressure gauge can be auto-claved or sterilized, and cleaned (CIP) or steamed in place (SIP). The gauge comes standard with True Zero pointer indication. Since the Type 1036 has no dial stop pin, the gauge pointer always indicates a true pointer reading.



Product Specifications

Ashcroft® Type 1036 Sanitary Gauge

DIAL SIZE: 3½"

ACCURACY:

1.5% F.S. for pressure ranges 100 psi and above. 2.0% F.S. for vacuum, compound and ranges below 100 psi.

CASE & RING MATERIAL:

300 series stainless steel

RING TYPE: bayonet, removable

BOURDON TUBE AND SOCKET MATERIAL:

316 stainless steel

DIAPHRAGM MATERIAL & SURFACE FINISH:

316 stainless steel, 12 TO 20RA

DIAPHRAGM O-RING: Buna-N (1)

CONNECTION LOCATION: lower

SYSTEM FILL: USP food grade glycerin

WINDOW MATERIAL: polycarbonate

POINTER:

black-painted aluminum with external zero adjust (Easy Zero™)

DIAL: white with black markings

MOVEMENT: 300 series stainless steel

AGENCY APPROVALS:

3A compliance to sanitary standard 74-00

RANGES:

15# thru 600#, including compound & vacuum

CLEAN OR STEAM IN PLACE (CIP or SIP):

Temperature limit of 270°F (132°C)

TEMPERATURE ERROR:

±/0.16%/10°F change at 70°F

AUTOClave OR STERILIZE:

Temperature limit of 270°F (132°C)

We recommend a polysulfone window for autoclave/sterilization. Specify the XPS variation.

Ashcroft® Type 1037 Instrument Fitting

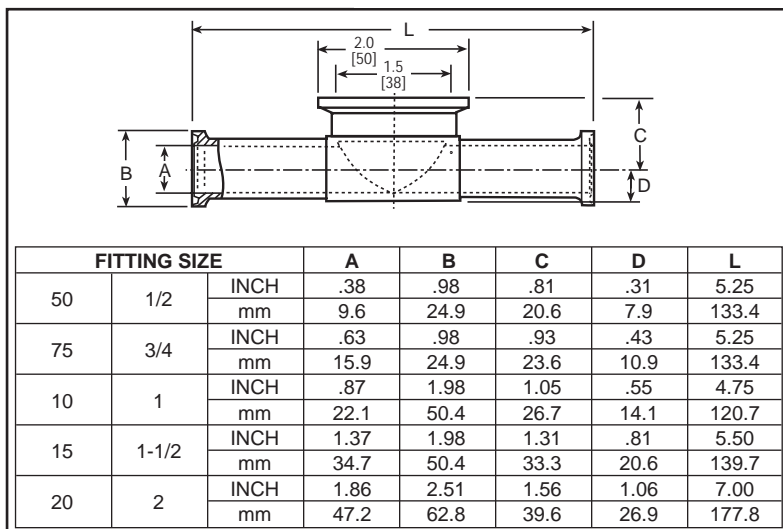
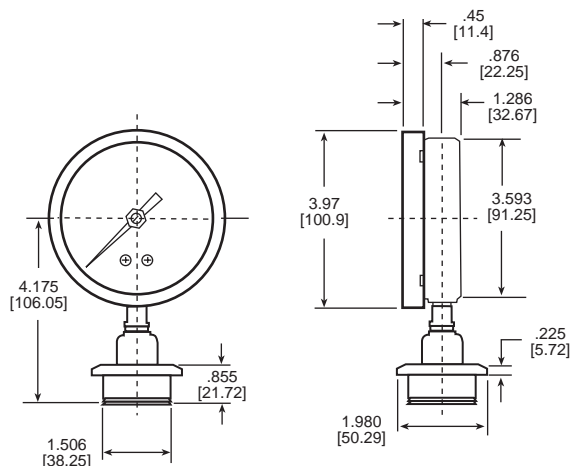
FEATURE

CODE

316L stainless steel construction	std.
Wetted parts electropolished to 12 to 20RA surface finish	std.
Heat number stamped on fitting	std.
Sizes:	
1/2" Tri-Clamp connection	50
3/4" Tri-Clamp connection	75
1" Tri-Clamp connection	10
1½" Tri-Clamp connection	15
2" Tri-Clamp connection	20

(1) **To Ensure Cleanliness**

Prior to reinstalling the Type 1036 in to the Type 1037 instrument fitting, we recommend replacing the O-ring (P/N 185A106-75)



FITTING SIZE		A	B	C	D	L	
50	1/2	INCH	.38	.98	.81	.31	5.25
		mm	9.6	24.9	20.6	7.9	133.4
75	3/4	INCH	.63	.98	.93	.43	5.25
		mm	15.9	24.9	23.6	10.9	133.4
10	1	INCH	.87	1.98	1.05	.55	4.75
		mm	22.1	50.4	26.7	14.1	120.7
15	1-1/2	INCH	1.37	1.98	1.31	.81	5.50
		mm	34.7	50.4	33.3	20.6	139.7
20	2	INCH	1.86	2.51	1.56	1.06	7.00
		mm	47.2	62.8	39.6	26.9	177.8

How to Order Gauge 35 1036 SD 15 L XXX 100#

Dial size: 3½" _____

Family _____

System mat'l - stainless steel _____

Fill: Dry _____

Connection size: 1.5" seal _____

Connection location - lower _____

X variations _____

Range _____

How to Order Fitting 75 - 1037

50-1/2" Tri-Clamp connection _____

75-3/4" Tri-Clamp connection _____

10-1" Tri-Clamp connection _____

15-1½" Tri-Clamp connection _____

20-2" Tri-Clamp connection _____

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