

DESIGNED FOR SAFETY AND LONGER LIFE

- **Patented PowerFlex™ movement isolates movement from shock and vibration for longer life**
- **All stainless, all-welded construction for long life**
- **New PLUS!™ Performance Option:**
 - **Liquid-filled performance in a dry gauge**
 - **Fights vibration and pulsations without liquid-fill headaches**
 - **Autoclavable to 300°F (149°C)⁽¹⁾**
 - **See pages 6-7 for details**
 - **Order as option XLL**
- **True Zero™ pointer indication – no stop pin to mask false zero reading – ensures safety and process control**

(1) 2½", 3½" requires optional polysulfate window XPS.

OTHER FEATURES:

Available in 2½", 3½" and 4½" dial sizes, 1032 sanitary pressure gauges can be autoclaved/sterilized and cleaned or steamed in place (CIP, SIP). These gauges have been designed specifically to meet the needs of the sanitary marketplace.

They are available dry, liquid-filled or hermetically sealed to allow for washdowns and now with the PLUS!™ performance option.



PRODUCT SPECIFICATIONS

Dial Sizes: 2½", 3½" and 4½"⁽¹⁾

Process Connection: 1½" and 2" Tri-Clamp* lower and back⁽²⁾

Diaphragm Material and Surface Finish: Electropolished 316L stainless steel (12-20RA Finish on diaphragm)

Case and Ring: 300 series polished stainless steel

Accuracy: ±1.5% of span for pressure ranges 100 psi thru 600 psi. ±2.0% of span for vacuum, compound and pressure ranges below 100 psi

Pointer: Adjustable (external zero adjust on 3½" dial size)

Windows: 2½", 3½"—Polycarbonate standard
4½"—Glass standard

Dial: White with black markings including 3A insignia

Agency Compliance: 3A compliance to standard 74-02 titled – "3A Sanitary Standard for Liquid Pressure and Level sensing Devices"

System Filling: Pharmaceutical/food quality USP grade glycerin (99.5% pure)
Optional: Food grade silicone

Optional System Fillings: Consult factory

Case Fillings: The standard sanitary gauge is dry
Optional fills include:

- Glycerin USP Grade 99.5% pure)
- Food grade silicone

Optional Windows: Safety glass and polysulfon (2½" and 3½")

Autoclave or Sterilize: Temperature limit of 300°F (149°C). We recommend a polysulfone window for autoclave/sterilization. Specify the XPS variation.

Notes:

- (1) 4½" available with lower-connect 2" Tri-Clamp only.
- (2) For other connections, consult the factory.
 - Dual scales, metric ranges and false reading dials are available on request.

Special dials with colors, logos, etc., available upon request.

STANDARD RANGES⁽¹⁾

Pressure psi	Compound Vacuum/psi
0/15	30 in.Hg/0 psi
0/30	30 in.Hg/15 psi
0/60	30 in.Hg/30 psi
0/100	30 in.Hg/60 psi
0/160	30 in.Hg/100 psi
0/200	30 in.Hg/150 psi
0/300	30 in.Hg/300 psi
0/400	
0/600	
0/1000 ⁽²⁾	

(1) Nonstandard ranges available standard including units in bar, kg/cm² and kPa.

(2) Consult Tri-Clover, Inc. for appropriate clamps on 1000 psi range.

TO ORDER THIS 1032 SANITARY GAUGE:

Select:

1. Dial size—2½", 3½" & 4½" _____ **35** **1032S** **L** **15L** **100#**

2. Case type—1032 _____

3. Liquid-filled case, if required _____
otherwise eliminate

4. Process connection Tri-Clamp size—1½" (15), 2" (20) _____

5. Connection location—Lower (L), Back (B) _____

6. Standard pressure range _____

**Consult factory for guidance in product selection
Phone (203) 385-0217, Fax (203) 385-0602 or
visit our web site at www.ashcroft.com**