

CHEM-FLOW

SANITARY PRESSURE GAUGES

Designed for chemical applications where exposed stainless steel can not be tolerated, the Chem-Flow pressure gauge has the accuracy, durability and reliability of our Pharma-Flow series plus a PTFE coated wetted surfaces and an impact resistant tempered glass lens. The result is the highest quality, longest lasting diaphragmed pressure gauge available for harsh chemical processing.



FEATURES

- PTFE Coated Wetted Surface** protects against product contamination from certain chemical reactions.
- Tempered Glass Lens** will not discolor or cloud due to exposure to caustic chemicals or cleaning agents.
- Pulsation Dampening System** eliminates pointer oscillations & insulates gauge movement from pulsations.
- 304 Stainless Steel Case** for durability even in the harshest environments.
- Pressure Ranges** from 30" Hg vacuum to 1,000 psi.
- Re-Zero Feature** is standard on all CSE pressure gauges.
- C.I.P.** - can be cleaned in place for convenience and to eliminate the possibility of damage from mishandling.
- Waterproof Construction** throughout allows gauge to be submersed for cleaning.
- Immediate Availability** from stock for all pressure gauges.
- 500°F Maximum** process temperatures (260°C).*
- Repairable** - modular design allows timely and cost effective gauge repairs.





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SANITARY PRESSURE GAUGES ORDERING INFORMATION

SPECIFICATIONS

- ±0.75% of Full Scale Accuracy
• PTFE Coated 316L Stainless Steel Wetted Surfaces
• 304 Stainless Steel Case
• 2 1/2" (63mm) Diameter Dial, 3 1/2" (90mm) Diameter Dial, 5" (120mm) Diameter Dial
• Tempered Glass Lens
• 0°F to 250°F* Temp. Limits
• Food Grade Glycerine Fill
• Std. Pointer Rezero Feature
• Approx. 3 lbs. (1.3kg) Shipping Weight

*For high temperature applications please consult factory.

Tri-Clamp® is a registered trademark of Tri-Clover, Inc.

MODEL NUMBER CONSISTS OF:

SERIES - PRESSURE RANGE - FITTING - FILLED CASE - MOUNT - LENS

3C - D - 2U - GF - BT - GL

Please make a selection from each category below:

SERIES

- 2C - 2 1/2" (63mm) Chem-Flow Pressure Gauge
3C - 3 1/2" (90mm) Chem-Flow Pressure Gauge
5C - 5" (120mm) Chem-Flow Pressure Gauge

PRESSURE RANGE*

- B - 0 to 30 psi (2 BAR)
C - 0 to 60 psi (4 BAR)
D - 0 to 100 psi (7 BAR)
E - 0 to 160 psi (11 BAR)
F - 0 to 200 psi (14 BAR)
G - 0 to 300 psi (21 BAR)
H - 0 to 400 psi (28 BAR)
I - 0 to 600 psi (41 BAR)
K - 0 to 1,000 psi (70 BAR)
M - 30" Hg to 30 psi (-1 to 2 BAR)
N - 30" Hg to 60 psi (-1 to 4 BAR)
O - 30" Hg to 100 psi (-1 to 7 BAR)
P - 30" Hg to 150 psi (-1 to 10 BAR)
Q - 30" Hg to 200 psi (-1 to 14 BAR)
R - 30" Hg to 300 psi (-1 to 21 BAR)

*Standard scales are in PSI only. For dual scales, after the pressure range add letter B for PSI/BAR, K for PSI/Kg/cm², P for PSI/KPa.

FITTINGS

- (Fittings available in 1 1/2", 2", 2 1/2", 3")
H - G&H "H" Line Male
I - Cherry-Burrell Male I-Line
U - Tri-Clamp®

(Specify size, then fitting type such as 1 1/2"U for a 1 1/2" Tri-Clamp fitting.)

For other fittings please consult factory.

FILLED CASE

- GF - Glycerine Filled
NF - No Fill (Dry Case)

EXAMPLE:

3C - D - 1 1/2"U - NF - BT - GL

Describes a 3 1/2" Chem-Flow Pressure Gauge, 0 to 100 psi, 1 1/2" Tri-Clamp® fitting, dry case, a standard bottom mount and a tempered glass lens.

3C - EB - 2U - GF - BK - PL

Describes a 3 1/2" Chem-Flow Pressure Gauge, 0 to 160 psi/0 to 11 BAR, 2" Tri-Clamp® fitting, glycerin filled case, back mount and a polycarbonate lens.

MOUNT

- BT - Bottom Mount
RT - Right Side Mount
LF - Left Side Mount
TP - Top Mount
BK - Back Mount

LENS

- GL - Tempered Glass
PL - Polycarbonate

DISTRIBUTED BY:

For more information or for a distributor in your area, contact us:

Chicago Stainless Equipment
800-927-8575
www.chicagostainless.com
cpg@chicagostainless.com

Visit our website or request a catalog to see our complete line of high quality, precision products including: Sani-Flow Pressure Gauges, Homogenizer Pressure Gauges, Industrial Stainless Steel Pressure Gauges, Digital Thermometers, Pharma-Flow Pressure Gauges, Chem-Flow Pressure Gauges, Thermowells and Sensors.

