

3 1/2" & 5" Sani-Flow Sanitary Pressure Gauges

The Sani-Flow Pressure Gauge is built to withstand the harshest environment and function for many years with little or no maintenance.

Features:

- 316L Stainless Steel Sanitary Fittings & Diaphragm assures
- maximum corrosion resistance while providing the most sanitary
- construction available.
- 304 Stainless Steel Case for durability even in the roughest
- environments.
- Lexan® Lens is virtually impervious to cracks and breakage.
- Waterproof Construction throughout to allow the gauge to be
- submersed for cleaning.
- C.I.P.- can be cleaned in place for convenience and eliminates the
- possibility of damage from mishandling
- Pressure Ranges from 30" Hg vacuum to 1,000 psi.
- Recessed Diaphragm helps to protect the sensitive diaphragm form
- physical abuse.
- True Zero with Re-Zero Feature is standard on all gauges.
- Unique Pulsation Dampening System eliminates pointer oscillations
- and insulates the gauge movement from pulsations which shorten the
- life of an ordinary pressure gauge.
- Glycerine Fill is available to protect the gear mechanism against
- against vibration and wear .
- 500 ° F Maximum process temperatures available (260° C). Please
- ask us about ordering high temperature applications.
- Immediate Availability from stock for all pressure gauges.

Specifications:

Accuracy _____ ±15% of Full Scale
 Over Range Capability 30% _____
 Wetted Surfaces 316L _____ Stainless Steel
 Surface Finish(wetted parts) Ramax = 25 microinches
 Case Material 304 Stainless Steel _____
 Dial Sizes 3 _____ 1/2" or 5" Diameter
 Lens Material Lexan _____ ® (Polycarbonate)
 Temperature Limits 0 _____ °F to 250°F*
 Standard Fill Food Grade Glycerine _____
 Rezero Feature Standard on Pointer _____
 Shipping Weight Approx. 3 Pounds _____

Available Ranges:

0-30 0-60 0-100 0-160
 0-200 0-300 0-400 0-600
 0-1000 30"-0-30 30"-0-60 30"-0-100
 30"-0-150 30"-0-200 30"-0-300

Standard scales are in PSI only, dual PSI/BAR and other scales available upon request.

Available Fittings:

Tri-Clamp®, Bevel Seat, Cherry-Burrell "I" Line, Cherry - Burrell "Q", APC, APV, G&H "H" Line, DIN, ISS, RJT, SMS, Westfalia.



Ordering Information:

Pr essure Filled Diaphragm
 Series Range Fitting Case Mount Material
 3S - D - 2U - GF - BT - SS

Series:

3S- 3 1/2" Sani-Flow Gauge
 3P- 3 1/2" Pharma-Fow Gauge
 3C- 3 1/2" Chem-Flow Gauge
 5S- 5" Sani-Flow Gauge
 5P- 5" Pharma-Flow Gauge
 5H- 5" Homogenizer Gauge

Filled Case:

GF- Glycerine Filled
 NF- No Fill (Dry Case)
 04- Other (Specify)

Mount:

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

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 600 PSI (28 BAR)
 I- 0 to 600 PSI (41 BAR)
 K- 0 to 1,000 PSI (70 BAR)
 M- 30" Hg to 30 PSI (1-2BAR)
 N- 30" Hg to 60 PSI (1-4BAR)
 O- 30" Hg to 100PSI (1-7BAR)
 P- 30" Hg to 150 PSI (1-10 BAR)
 Q- 30" Hg to 200 PSI (1-14 BAR)
 R- 30" Hg to 300 PSI (1-21 BAR)
 * Standard scales are in PSI only. For dual scales, after the pressure range add the letter B for PSI/BAR, K for PSI/Kg/cm2, P for PSI/Kpa (see examples below)

Fitting:

(most fittings available in 1/2", 2, 2 1/2", 3")
 D- DIN According to DIN 11851
 H- G&H "H" Line Male
 I- Cherry-Burrell Male I-Line
 J- Cherry-Burrell Female I-Line
 K- APC "K" Clamp
 M- SMS38
 N- ISS
 Q- Cherry- Burrell "Q"
 R- RJT
 S- #15 Bevel Seat Sanitary Male Thread
 T- #13H Captive Nut & #14 APV Gasket Seat
 U- Tri-Clamp®
 V- #15 APV asket Seat Sanitary Male Thread
 W- #13-H Captive Nut & #14 APV Gasket Seat
 X- APC -PV Gasket Seat w/#13 Captive Nut
 Y- APC #15 Threaded Male (Specify size, then fitting type such as 1 1/2" U for a 1 1/2" Tri-Clamp fitting.)

Diaphragm Material:

SS- Stainless Steel
 TF- Teflon

Examples:

3S - E - 2U - BT - SS
 Describes a 3 1/2" Sani-Flow Pressure Gauge. 0 to 160 psi, 2" tri-clamp fitting. Glycerine filled case, bottom mount, and a stainless steel diaphragm.
 5S- GK - 25I - GF - RT - SS
 Describes a 5" Sani-Flow pressure gauge, 0 to 300 psi/ 0 to 28 Kg/cm2