



Since 1964

HOMOGENIZER PRESSURE GAUGES CATALOG



www.harcosupply.com





Supply House to the Processing Industries Since 1964

Trusted supply house of sanitary processing equipment, parts and supplies for the dairy and food, brewery, beverage and pharmaceutical industries.

Harco Enterprises offers a diverse line of sanitary and hygienic processing equipment, parts and supplies including pumps, sanitary valves, separators, homogenizers, gaskets and fittings, sanitary hoses, and instrumentation as well as a variety of other products from world leading manufacturers such as Alfa Laval, Ampco, Tetra Pak, Burkert, Tri-Clover, Remco, Vikan, Carlisle, Haynes, Strahman, and more.

These products are distributed to dairy, food, beverage processing facilities as well as the pharmaceutical, brewing, and fisheries industries throughout North America.

Many of our products are customized in design due to strict sanitary and hygienic standards, and all are built to stand up to the demands of high production environments. Resourcefulness and quick delivery are important to you, and Harco always provides both.

Check out our large collection of equipment, parts and supplies, including our line of color-coded products available.

Visit our website today at www.harcosupply.com

5" Homogenizer Pressure Gauges

SANI-FLOW

Designed for demanding environments ranging from food processing to pharmaceutical applications, the Sani-Flow Homogenizer Pressure Gauge provides reliable, long-term performance with little or no maintenance. Its durable construction makes it well suited for sanitary homogenizing and processing applications.

Typical Industries:

- Pharmaceutical & Biotechnology
- Food & Beverage
- Meat / Poultry
- Distillery & Winery
- Cosmetic



FEATURES

316L Stainless Steel Wetted Surfaces to assure maximum corrosion resistance.

304 Stainless Steel Case for durability even in the harshest environments.

Lexan® Lens is virtually impervious to cracks and breakage.

Unique Pulsation Dampening System to insulate the gauge movement punishing pulsations of a homogenizer machine which shorten the life of an ordinary pressure gauge.

Ranges available from 1,000psi up to 15,000psii.

Glycerine Fill is standard to protect the gear mechanism against wear and vibration.

Waterproof Construction throughout to allow gauge to be submersed for cleaning.

C.I.P. - can be cleaned in place for convenience and to eliminate the possibility of damage from mishandling.

350°F Maximum Process Temperature (176°C) with high temperature option.

Immediate Availability from stock for all pressure gauges.

True Zero with Re-Zero Feature is standard on all gauges

SPECIFICATIONS

Compliance: ANSI / 3-A, NEMA 4X, IP67

Accuracy $\pm 1\%$ of Full Scale

Over Range Capability 30% Over Range

Repeatability/Linearity/Hysteresis $\pm 0.5\%$ of Full Scale

Product Contact Material 316L Stainless Steel

Product Contact Finish $R_{a\max} = 25\mu\text{in}$ (0.64 μm)

Case & Lens Ring Material 304 Stainless Steel

Dial Size 5" Diameter (120mm)

Lens Material 3/8" Polycarbonate

Process Temperature Range 10° to 250°F (-12° to 121°C) *

Ambient Operating Limits 25° to 160°F (-4° to 71°C)

Ambient Storage Limits 0° to 250°F (-18° to 121°C)

Standard Fill Food Grade Glycerine

Rezero Feature Standard on Pointer

Approx. Shipping Weight (w/o Flange) 5 Pounds (2.3 Kg)

Approx. Shipping Weight (with Flange) 7 Pounds (3.2 Kg)

* High Temperature Option increases maximum process temperature to 350°F (176°C)

* Other fill options available

AVAILABLE RANGES (psi)

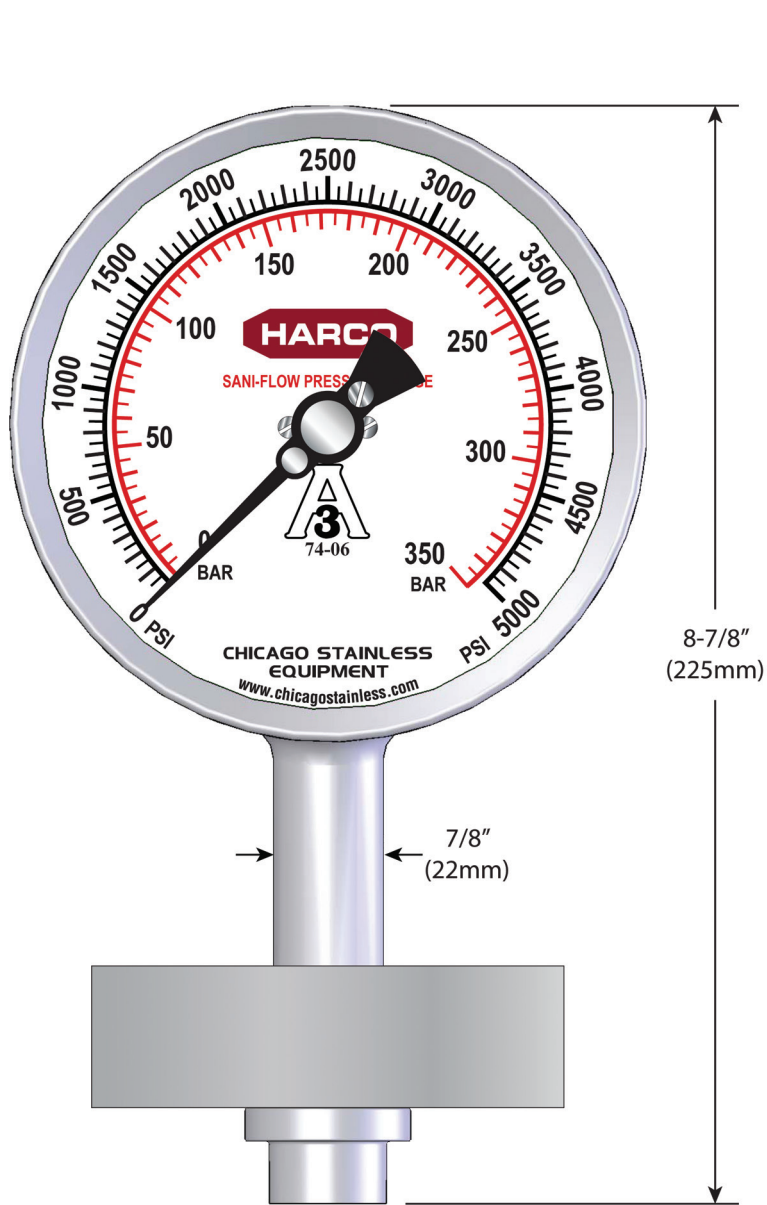
0 - 1,000 psi	0 - 5,000 psi	0 - 10,000 psi
0 - 2,500 psi	0 - 7,500 psi	0 - 15,000 psi
0 - 3,000 psi		

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

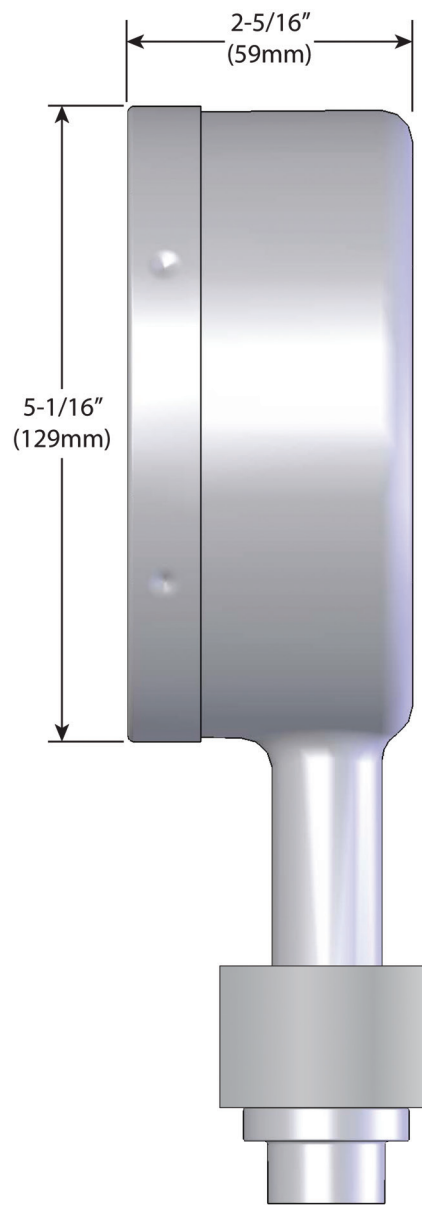
AVAILABLE FITTINGS

7/8" Thick 2 Bolt Flange, 1-1/8" Thick 2 Bolt Flange, Waukesha 1/2" Thick 4 Bolt Flange, Waukesha 3/4" Thick 4 Bolt Flange, 1.66" Thick Laboratory Homogenizer Flange. Also available without flange.

5" Homogenizer Pressure Gauges



FRONT VIEW
(Shown with 2 Bolt Flange)



SIDE VIEW
(Shown with 2 Bolt Flange)

5" Homogenizer Pressure Gauges

ORDERING INFORMATION

Below are typical examples of models with their descriptions.

EXAMPLE 1:

5H - V - 03

Describes a 5" Sani-Flow Homogenizer Pressure Gauge, 0 to 5,000 psi, a 1-1/8" thick flange, and a glycerine filled case.

EXAMPLE 2:

5H - WB - 01

Describes a 5" Sani-Flow Homogenizer Pressure Gauge, dual scale 0 to 10,000 psi/0 to 700 BAR, no flange, and a glycerine filled case.

MODEL NUMBER CONSISTS OF:

SERIES

5H

PRESSURE RANGE

V

FLANGE

03

Please make a selection from each category below:

SERIES

5H 5" Sani-Flow Homogenizer Pressure Gauge

PRESSURE RANGE*

K 0 to 1,000 psi (70 BAR)

T 0 to 2,500 psi (170 BAR)

U 0 to 3,000 psi (205 BAR)

V 0 to 5,000 psi (350 BAR)

Y 0 to 7,500 psi (520 BAR)

W 0 to 10,000 psi (700 BAR)

X 0 to 15,000 psi (1000 BAR)

FLANGE

01 No Flange

02 7/8" Thick 2 Bolt Flange

03 1-1/8" Thick 2 Bolt Flange

04 Waukesha 1/2" Thick 4 Bolt Flange

05 Waukesha 3/4" Thick 4 Bolt Flange

09 1.66" Thick Laboratory Homogenizer Flange

*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 (see examples in column).

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Product Line Card

Supply House to the Processing Industries Since 1964

Harco partners with leading manufacturers in the industry to bring you an innovative range of sanitary and hygienic processing equipment and supplies. With experience in design, manufacturing and support, our partners are selected for their quality, reliability, and advanced products.



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