



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

GAUGE ACCESSORIES

THERMOWELLS

VCS supply thermowells of the highest quality material and workmanship. They are machined from solid bar stock for standard or high velocity requirements in a large selection of materials and coatings. They are designed and manufactured to assure perfect alignment with the thermometer stem. We can supply thermowells for sanitary applications as well as thermowells which can be treated and documented to NACE standards. Thermowells are recommended for corrosive fluid, or high velocity applications.



STEAM GAUGE SIPHONS

The pigtail siphon is used to protect the pressure gauge from temperatures above 150°F. It allows the hot medium to cool before entering the pressure gauge. In most instances an isolating valve is located below the pressure gauge and siphon to ensure that the medium in the siphon stays cool. Steel and Stainless



PRESSURE SNUBBERS

A Simple, Cost Effective Solution To Protecting Valuable Control Instruments ...

By absorbing damaging pulsations and surges, the snubber helps keep accurate data flowing so you can keep your system performing at peak efficiency.



GAUGE COCKS

Used in conjunction with siphon as an isolation valve.

TYPE	SIZE
Tee Handle	1/4"
Lever Handle	1/4"
Lever Handle	1/2"



VICTORIA NEW SOUTH WALES QUEENSLAND NORTHERN TERRITORY
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DIAPHRAGM SEAL PROTECTORS

Protective device used to isolate the pressure instrument from the process fluid being monitored.

MODEL W - WELDED DIAPHRAGM SEALS

Contains metal diaphragm welded to the upper housing. Bolts can be removed and separated at the flanges for cleaning, liquid filling, calibrating, welding, or other purposes, without the loss of the liquid fill fluid. Available with flushing connection. Threaded off-line, flanged off-line and flow through styles are available in many configurations and materials.



THREADED OFF LINE

MINI DIAPHRAGM SEAL PROTECTORS

Economical isolator designed to protect instruments from corrosion and clogging.

MODEL M "MINI" SEALS FOR UP TO 4 1/2" GAUGES

Available in various pressure ratings and end connections.
Materials: 316SS, Monel, Hastelloy B or C, & Carpenter 20.



SANITARY DIAPHRAGM SEAL PROTECTORS

Designed for food and pharmaceutical industries to ensure that surfaces exposed to process are virtually crack and crevice free.

MODEL S - SANITARY SEALS

All-welded construction which allows removal from system without loss of fill fluid. Construction conforms to methods as described in ASME Standard B20.2-1991, Section 2.3.12. This off-line seal has a diaphragm welded to the upper housing. It is designed to ensure that the surfaces exposed to the process are virtually crack and crevice free. They meet the requirement of the 3-A Sanitary Standard.



TRI-CLAMP

DIAPHRAGM SEAL ACCESSORIES

FILL FLUIDS

Fill fluids should be selected by carefully considering their physical properties at the extremes of the ambient and process temperature to which they will be subjected. Fill fluids must also be chemically compatible with the process fluid to avoid potentially hazardous reaction in the event of diaphragm failure.

Typically, hydrocarbon based liquids must not be used with strong oxidizers, such as oxygen, chlorine, hydrogen peroxide, or nitric acid. For these special applications, an inert liquid such as Fluorolube or Halocarbon is available. Fill fluids diluted with or containing water can cause gross inaccuracies.

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