



USG[®]
U.S. Gauge

Product Selection Guide



AMETEK[®]

ISO 9001:2008
CERTIFIED

Effective: 11/2014



AMETEK U.S. Gauge is one the largest suppliers of pressure gauges, diaphragm seals, bimetallic thermometers, and thermowells in the world. The Company provides a broad line of pressure gauges ranging in size from 1-1/2" to 6" for applications including refining, chemical manufacturing, mining, power generation, upstream oil and gas, HVAC and refrigeration, compressed gas regulators, water and wastewater, and OEM manufacturing. Materials of construction for the internals of the gauges include 316L SST, brass, or MONEL. Case materials include polished brass, PET, aluminum, 304 stainless steel, steel painted black, or ABS.

Process Gauges

- XR Series All-welded Gauge and Seal – XR Series Available for the 1981, 1986, 659 and 656 Model Gauges
- SOLFRUNT 4-1/2" Model 1981 Advantage, 1981, 1980, 1986, 1901, 1931, 1903, and 1933 Process Gauges with 316L, Brass or MONEL Internals and with the Following Case Styles: PET Turret; Cast Aluminum Front or Back Flanged Case
- SOLFRUNT 6" Model 1901, 1931 and 1903 Process Gauges
- SOLFRUNT 4-1/2" Model 1929 Low Pressure Process Gauges
- Sta-Kool Cooling Element, Siphons, Tags, Maximum Indicating Pointers (lazy hands), and many other Options



Diaphragm Seals

- Type C Series Sanitary Diaphragm Seals and CSTG Sanitary Gauge/Seal Assembly
- Type E Series Economy Seals
- Type L Series Seals for Low Pressure Applications
- Type R Series Seals with Removable Diaphragms
- Type S Series Seals General Purpose
- Type SCE Series Seals for Tank Applications
- Type SCW Series Seals for Fugitive Emissions
- Type SF Series Seals with Flush Flange
- Type SMJ and SNJ Series Seals for Jacketed Pipelines
- Type ST Series Diaphragm Seal Elements for Low Pressure
- Type T Series Seals for Corrosive Applications
- XR Series All-welded Process Gauge and Diaphragm Seal
- Tags, Capillaries, Locking Devices, Flushing Connections, and many other Accessories for Diaphragm Seals



General Equipment Gauges

- Model P500 Utility Gauges
- Model P500 Low Lead Gauges
- Model P570 and P575 Utility Gauges for OEM
- Model P590 Utility Gauges with ABS Case
- Model P915 Metric Utility Gauges
- Model P844 U-clamp or P845FF Front Flange Panel Mount Utility Gauges
- Model P562 1-1/2" Panel Mount Gauges



Liquid Fillable Gauges

- Model 656 and 659 all Stainless Liquid Fillable Gauges (2-1/2" or 4")
- Model 1550 and 1553 Liquid Fillable with SST Case and 316 SST Internals (2-1/2" or 4")
- Model 1555, 1558 and 1559 Liquid Fillable Utility Gauges with Brass Internals (1-1/2", 2", 2-1/2" or 4")



Test Gauges

- SOLFRUNT 6" Models 1403 and 1404 Test Gauges
- SOLFRUNT 4-1/2" Models 1403 and 1404 Test Gauges
- Model 1409 3" Portable Test Gauge





AMETEK U.S. Gauge was founded in 1904. It was started with 14 employees near Philadelphia, in Sellersville, PA. Today, we have manufacturing locations in Largo, FL and Feasterville, PA and a distribution warehouse with over 5 million gauges in Clawson, MI. Our headquarters is based in Horsham, PA, where customer service and sales/marketing is located. Our Largo, FL plant manufactures our 4-1/2" and 6" process gauges, including our Model 1981; 3", 4-1/2" and 6" test gauges; and our M&G brand diaphragm seals. Our Feasterville, PA location manufactures our PMT brand pressure transducers and transmitters; hydrostatic level measurement products; pneumatic pressure controllers; and UHP gauges, switches, and transmitters.

Special Application Gauges

- Model 1785 Manifold Pressure Test Gauges
- Model P-1590 and R-1590 Sprinkler System Gauges
- Model PT-1088 Boiler Gauges
- Model C-1706 Ammonia Refrigerant Gauges
- Model 5105 Model Mechanical Contractors Gauge
- Model 600 4L Approved Compressed Gas Gauges
- Medical Equipment Gauges
- Model V534 Cannery Gauges
- Model 733/734 Low Pressure Diaphragm Gauges
- Models 1521, 1522 and 1535 SST Corrosion Resistant Gauges
- Model 300L and 310WJ Low Lead Air Volume Controls
- Model 1370, 1370-U Receiver Gauges



Temperature Products

- Bimetallic Thermometers
 - Model ADJ 3" and 5" Adjustable Angle
 - Model BAC 3" and 5" Back Connected
- 5" and 9" Glass Industrial Tube Thermometers
- Model TW Thermowells
- DT 8300 Digital Thermometers



Electronic Products

- Model ACT OEM Type Transducer
- Model DCT Digital Transducer
- Model 831 Explosion-Proof Fixed Range Transmitter
- Model 88 Explosion-Proof and Intrinsically Safe Adjustable Transmitter
- Model SPT Pressure Transducer
- Model 851 Pressure Transmitter
- Model IDT Intrinsically Safe Compact Transmitter **NEW**



Accessories

- Sta-Kool Cooling Element
- Tire Pressure Gauges
- Rubber Boot for 2" Gauges
- Liquid Filling Kits
- Coil Siphons
- Case and Ring Conversion Kits for Process Gauges
- Maximum Indicating Pointers (lazy hand)
- Windows
- Spare Parts
- Brass and SST Pressure Snubbers **NEW**





Pneumatic Controllers

- Model 40 Pressure Controller



Other Capabilities Include:

- Mounting Gauges, Transmitters, and Switches on Diaphragm Seals
- Quick Ship
- Certificate of Conformance
- NACE Certifications for Gauges or Seals
- NIST Certifications for Gauges or Seals
- MIL Certifications on Seals and Sockets of Gauges
- Liquid Filling of Gauges and Seals
- Oxygen Cleaning of Gauges or Seals

Diaphragm Seal Capabilities

Our Largo, FL, U.S.A. plant manufactures a complete line of diaphragm seals for every application. Our CNC machines can make bottoms out of 21 different materials including: 316 SST, 3 grades of Hastelloy, 2 types of Inconel, and many others. Diaphragms are available from 18 different materials, including 316 SST, Hastelloy C, MONEL, TEFLON and many others. We machine our tops from 10 different materials including Steel, 316 SST, Hastelloy C, MONEL, PVC and many others. We offer 17 different fill fluids, including our most popular DC200 silicone to Syltherm 800 for ultra high temperature applications. Our factory can mount many different pressure products on our seals: including pressure gauges, pressure switches, pressure transmitters, and differential pressure transmitters. We can also supply and mount cooling elements, capillaries and siphons. Please contact customer service at +1 215-293-4100 for more information.

This document contains many AMETEK trademarks and registered trademarks, including, but not limited to, the AMETEK mark and logo. All other company product and service marks, logos, or images are copyrighted trademarks or service marks of their respective owners.

Other Products Include:

- Hydrostatic Level Instruments



- Ultra High Purity Gauges, Switches, and Transmitters

