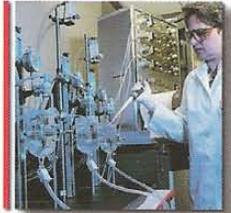
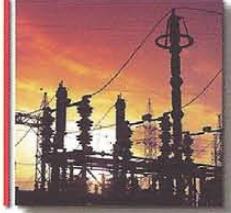


# Product Selection Guide





1904—The birth of United States Gauge

1917—Dashboard gauges are installed on the majority of automobiles produced in the U.S.

mid-1930s—Virtually all aircraft manufactured in the U.S. come equipped with U.S. Gauge pressure-measuring and navigational devices

1944—The Army-Navy "E" for Excellence flag is awarded to the employees at U.S. Gauge



**AMETEK U.S. Gauge** was founded in 1904. The Company started with 14 employees in Sellersville, PA, near Philadelphia. Our first products included pressure gauges used on locomotives, steamboats, steam fire engines, and portable and traction engines.

Over the past 108 years **AMETEK U.S. Gauge** has evolved into one of the world's largest producers of pressure and temperature instrumentation, with manufacturing plants in Largo, Florida; and Xiamen, China. Our Clawson, Michigan facility is our Distribution Center.

### 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

### GENERAL EQUIPMENT GAUGES

- Model P500 Utility 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

### 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

### 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 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")



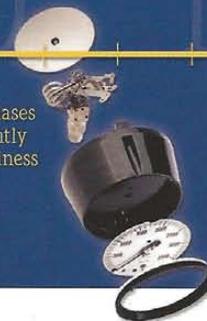


1944—USG is purchased by American Machine and Metals (predecessor of AMETEK)

1961—Company is renamed AMETEK, Inc.

1965—AMETEK purchases Mansfield & Green; adds to USG product lines

1968—AMETEK purchases C-E Electronics (currently the PMT Products business unit)



U.S. Gauge's product offering includes Bourdon tube and diaphragm capsule pressure gauges ranging in size from 1-1/2 inches to 6 inches with brass, stainless steel, or Monel® internals. Applications range from heavy-duty process and industrial gauges, to general equipment gauges, to specialty gauges such as refrigeration manifold, compressed gas and medical gauges. Other products include a complete line of Mansfield & Green (M&G) diaphragm seals, bimetallic thermometers in 3" or 5" diameters, digital thermometers and thermowells.

## 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 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 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

## 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
- And many accessories for diaphragm seals



1990s—USG earns certifications to ISO-9001, QS-9000, and UL Approval (AmeKai)

2004—Feasterville, PA plant is certified to ISO-9001:2000, now ISO-9001:2008

**ISO 9001:2008**  
CERTIFIED

1990—USG and Double Kai (based in Taiwan and Xiamen ROC) form a joint venture

1992—AMETEK's Pressure Measurement Technology (PMT) division joins U.S. Gauge

1996—Largo, FL plant (process gauges and seals) certified to ISO-9001, now ISO-9001:2008

2007—USG, PMT, Hunter and Drexelbrook join to become Sensor Technologies Business Unit, headquartered in Horsham, PA under AMETEK M&CT

2008—Sellersville, PA Distribution Center opens for USG

2011—Clawson, MI Distribution Center opens for USG



## ELECTRONIC PRODUCTS

- Model ACT OEM Type Transducer
- Model DCT Digital Transducer
- Model 831 Fixed Range Transmitter
- Model 88 Adjustable Transmitter



## ACCESSORIES

- Sta-Kool Cooling Element
- Liquid Filling Kits
- Coil Siphons
- Case & Ring Conversion Kits for Process Gauges
- Maximum Indicating Pointers
- Windows
- Spare Parts



**AMETEK**  
U.S. GAUGE

[www.ametekusg.com](http://www.ametekusg.com)

### ALL ORDERS CAN BE SENT TO:

On-line fax: 215-323-9450 or e-mail to [usg.sales@ametek.com](mailto:usg.sales@ametek.com)

Customer Service/Sales/Technical Support: 215-293-4100

205 Keith Valley Road  
Horsham, PA 19044 U.S.A.

**USG**  
U.S. Gauge

**M&G**  
MANFIELD & GREEN

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