

COMPRESSED GAS GAUGES

BULLETIN 96-CMG600
KEY #U999076

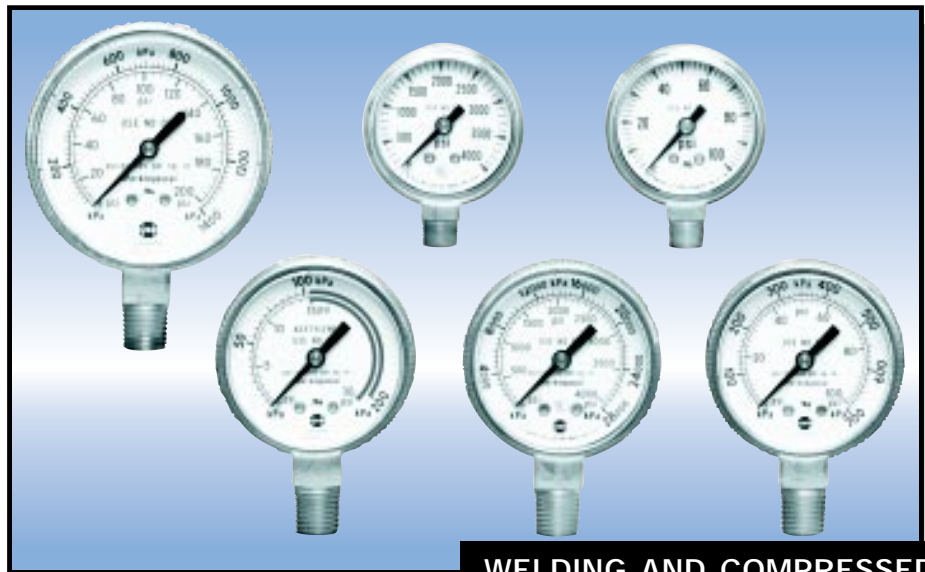
Welding and Compressed Gas Gauges

DESCRIPTION

AMETEK U.S. Gauge offers a wide variety of welding and compressed gas gauges used on various types of regulators. The high pressure gauges are used for measuring cylinder or tank pressure. The low pressure gauges are used on the downstream side of the regulator to indicate regulated, reduced pressure.

The low pressure gauges (30 psi to 1499) are UL 252A recognized, Class V (3000 psi test pressure) and above. High pressure gauges are UL 404 listed. Cleanliness for all gauges is in accordance with Level IV of ASME B40.1-1991.

U.S. Gauge compressed gas gauges are available in 1-1/2, 2 and 2-1/2 inch sizes with polished brass, painted steel or ABS cases, depending on your requirements.



**WELDING AND COMPRESSED
GAS GAUGES**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS

SIZE

1-1/2, 2 and 2-1/2 inch

CASE

Polished brass, brass painted steel, brass plated ABS, or chrome plated ABS

MODEL

- P601:** Brass case, high pressure
- P612:** Brass case, low pressure
- P607:** Steel case, high pressure
- P618:** Steel case, low pressure
- P605:** ABS case, high pressure
- P616:** ABS case, low pressure

RANGE

High Pressure (Models P601, P607 or P605): 1500 psi, 2000 psi, 3000 psi and 4000 psi

Low Pressure (Models P612, P618, or P616): 15 psi, 30 psi, 60 psi, 100 psi, 160 psi, 200 psi, 400 psi, 600 psi and 1000 psi

UL

High Pressure (Models P601, P607 or P605): UL 404 listed

Low Pressure (Models P612, P618, or P616): 30 psi, 60 psi and 100 psi UL 252A Class V recognized; 160 psi UL 252A Class VI recognized; 200 psi, 400 psi, 600 psi and 1000 psi UL 252A Class VII recognized

ACCURACY

±3-2-3% of span

CONNECTION

1-1/2 inch gauges: Brass 1/8" ANPT LM; 2 inch and 2-1/2 inch gauges: Brass 1/4" ANPT LM. Center-back mount also available, subject to minimum order quantity. Chrome plating available on both low mount and center-back mount connections.

BOURDON TUBE

High Pressure (Models P601, P607 or P605): phosphor bronze, silver soldered
Low Pressure (Models P612, P618, or P616): 15 psi beryllium copper, 30 psi to 1499 psi phosphor bronze

POINTER

Aluminum, black finish

DIAL

Steel, white background with black markings. Major graduations and "USE NO OIL" in red. Custom dials and dual scales available with minimum order quantity and dial setup charge.

WINDOW

One-piece twist-on polycarbonate

MOVEMENT AND LINK

Brass

EFFECTIVE: 8/98

SUPERSEDES: 7/96

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