



AMETEK® Low Pressure Test Kits

- ❑ *Accurate to $\pm 0.5\%$ of Full Scale*
- ❑ *Three Models for Measuring Differential Pressure*
- ❑ *High Volume Squeeze Bulb with Integral Bleed and Check Valves*
- ❑ *Parallax-Free Window on Nickel-Plated Brass Gauges*

PRODUCT DESCRIPTION

The AMETEK Low Pressure Testers are portable, easy-to-use kits for verifying the accuracy of differential pressure instruments including recorders, controllers, transmitters and indicators.

AMETEK Low Pressure Testers are available in three models:

- ❑ Model C-100
- ❑ Model C-101
- ❑ Model C-102

The Model C-100 features a 3-inch diameter, 0-300" diaphragm-actuated test gauge that indicates inches of water with a $\pm 0.5\%$ of full scale accuracy. The unit includes a squeeze bulb, black rubber tubing, quick-disconnect fittings and case.

The Model C-101 includes a 3-inch diameter, 0-300" diaphragm-actuated test gauge plus a 0-15 PSIG gauge used to measure output pressure. Pneumatic transmitter outputs can be accurately compared to input pressure applied using the tester. This unit also includes a squeeze bulb, black rubber tubing, quick-disconnect fittings and case. Accuracy is $\pm 0.5\%$ of full scale.

The Model C-102 is similar to the Model C-101 except in addition to the 3-inch diaphragm gauge, this tester also includes a 0-30 PSIG bourdon tube actuated gauge.



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TEST AND CALIBRATION INSTRUMENTS

FUNCTIONAL SPECIFICATIONS

Accuracy

±0.05% of full scale

Range

Model C-100 300" H₂O
Model C-101 300" H₂O and 0 - 15 PSIG
Model C-102 300" H₂O and 0 - 30 PSIG

PHYSICAL SPECIFICATIONS

Pointer and Window

Adjustable, knife-edge, black pointer
Window is glass with polished beveled edges providing parallax-free indication

Tubing

18-inch (45.7cm) long, black rubber for input pressure
36-inch (91.4cm) long for output pressures (C-101, C-102)

Connections

Quick disconnect with 0.25-inch NPT male and 0.25-inch female adapter

Pressure Bulb

High volume with integral check and bleed valves

Weight

Model C-100 3 lbs (1.36kg)
Model C-101 4.5 lbs (2.05kg)
Model C-102 4.5 lbs (2.05kg)

Overall Dimensions (L x W xH)

8.75 x 3.0 x 7.25-inches (22.2 x 7.6 x 18.4cm)

ORDERING INFORMATION

LOW PRESSURE TEST KITS

Order Number	Description
	Base Number
Model C-101	Low Pressure Test Kit, 0 - 300" H ₂ O Gauge
Model C-101	Low Pressure Test Kit, 0 - 300" H ₂ O Gauge and 0 - 15 PSIG Gauge
Model C-102	Low Pressure Test Kit, 0 - 300" H ₂ O Gauge and 0 - 30 PSIG Gauge

**AMETEK**
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AMETEK is a leading global manufacturer of electrical and electromechanical products for niche markets. Listed on the New York Stock Exchange (AME) since 1930, AMETEK's annual sales are approaching \$1 billion. Operations are in North America, Europe and Asia, with about one-third of sales to markets outside the United States.

Information within this document is subject to change without notice.

**ISO 9001
Manufacturer**