



AMETEK™ Hand-Held Pressure Testers

- ❑ **Pneumatic, Hydraulic and Vacuum Versions**
 - Models T-730, T-740 and T-810
 - Model T-620, Model T-620H
 - Models T-750 and T-811
- ❑ **Accuracies to $\pm 0.5\%$ of Gauge Span**
- ❑ **Economical and Easy-to-Use**
- ❑ **Testers Include Fine Adjustment Verniers**
- ❑ **Optional Test Gauges**

PRODUCT DESCRIPTION

AMETEK Hand-held Testers are economical, lightweight and easy-to-use. Six models are available.

Model T-730 Pneumatic Pressure Tester

The T-730 Pressure Tester features a rugged pneumatic pump capable of generating test pressures up to 30 PSIG. Ideal for pressure instrument calibration, the Model T-730 tester can be hand-operated in the field or mounted on a test stand in the instrument shop. This tester features an extended range vernier adjustment for precisely controlling pump pressure and comfortable piston grip handle.

Model T-740 Pneumatic Pressure Tester

Similar to the Model T-730 tester, the Model T-740 has the same features, except that it is capable of generating test pressures up to 300 PSIG.

Model T-810 Pneumatic Pressure Tester

The Model T-810 Pneumatic Pressure Tester is a very economical, lightweight, pneumatic hand pump that can generate test pressures up to 200 PSIG. It may be easily operated in the field and its compact size allows it to be easily stored in a briefcase. The pump is connected to a 0.125-inch OP plastic tube on one end and a reference gauge and instrument under test on the other end. The tester features a fine-tuning vernier adjustment with a resolution within 1-inch H₂O. A thumbscrew bleed valve provides for very rapid or gradual pressure venting.

Model T-620 Hydraulic Pressure Tester

The Model T-620 Hydraulic Pressure Tester features a transparent reservoir so that you can easily view the test fluid which may be petroleum-based oils or hydraulic fluids. Range is 0 to 3000 PSIG (206 Bar). The Model T-620H has a range of 0 to 5000 PSIG (344 Bar).

The T-620 may be equipped with an optional 3-inch precision test gauge. The test gauge is mounted on the body manifold with a quick disconnect swivel fitting for easy viewing. A vernier adjustment allows the user to precisely control pressure. A needle valve is provided for quick and positive shut-off.

The tester is equipped with a 24-inch (60.95cm) rubber hose with 0.25-inch NPT connector for connecting to the instrument under test.

Model T-750 Vacuum Tester

The Model T-750 Tester is ideal for testing and calibrating vacuum instruments in ranges up to 25-inches Hg vacuum. This tester includes many of the same features found on AMETEK pneumatic and hydraulic testers including 3-inch test gauges with swivel fitting, vernier adjustment, shut-off valve and pistol grip handles.

Model T-811 Vacuum Tester

The Model T-811 Tester is similar to the Model T-810 Pneumatic Pressure Tester except that it is used to generate up to 600mm Hg vacuum.

FUNCTIONAL SPECIFICATIONS



Model T-621 Hydraulic Pressure Tester

Model T-620 Hydraulic Pressure Pump

Operating Pressure (Maximum)

Model T-620 3000 PSIG
Model T-620H 5000 PSIG

Wetted Parts

Aluminum, Brass, Stainless Steel, and LEXAN

"O" Rings

Buna-N

Reservoir Capacity

0.5 pint

Test Connections

0.25-inch NPT, 24-inch (60.95cm) long hose

Weight (Approximate)

3.0 lbs (1.36 kg)

Model T-730 Pneumatic Pressure Pump

Operating Pressure (Maximum)

30 PSIG

Wetted Parts

Aluminum, Brass, Stainless Steel, NYLON and NYLATRON GS

"O" Rings

Buna-N

Test Connections

0.25-inch NPT, 24-inch (60.95cm) long hose

Weight (Approximate)

3.0 lbs (1.36 kg)



Model T-731 Pneumatic Pressure Tester

Model T-740 Pneumatic Pressure Pump

Operating Pressure (Maximum)

300 PSIG

Wetted Parts

Aluminum, Brass, Stainless Steel, NYLON and NYLATRON GS

"O" Rings

Buna-N

Test Connections

0.25-inch NPT, 24-inch (60.95cm) long hose

Weight (Approximate)

3.0 lbs (1.36 kg)

Model T-750 Vacuum Pump

Operating Pressure (Maximum)

25" Hg

Wetted Parts

Aluminum, Brass, Stainless Steel, NYLON and NYLATRON GS

"O" Rings

Buna-N

Test Connections

0.25-inch NPT, 24-inch (60.95cm) long hose

Weight (Approximate)

3.0 lbs (1.36 kg)



Model T-810 Pneumatic Pressure Pump

Model T-810 Pneumatic Pressure Pump

Operating Pressure (Maximum)

200 PSIG

Wetted Parts

DELTRIN, Stainless Steel and Buna-N

Test Connections

0.125-inch FNPT (T-810)
0.125-inch FBSPT (T-810-M)

Weight (Approximate)

0.7 lbs (0.32 kg)

Model T-811 Vacuum Pressure Pump

Operating Pressure (Maximum)

600mm Hg vacuum

Wetted Parts

DELTRIN, Stainless Steel and Buna-N

Test Connections

0.25-inch NPT, 24-inch (60.95cm) long hose

Weight (Approximate)

0.7 lbs (0.32 kg)