

OVERVIEW

The ADT 912 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from -14psi (-0.95bar) to 60psi (4bar). A high-quality screw press is designed for fine pressure adjustment, with an adjustment resolution up to 0.01 Pa (0.0001 mbar). To reach the pressure as stable as possible during the micro-pressure calibration, an isothermal bellows chamber is designed to reduce the possible heat effects caused by environmental temperature change, and a specially designed shut-off valve makes the pressure as stable as possible during calibration. A built-in gas-liquid isolator protects the pump from moisture and dirt to reducing the need for maintenance. Two hand-tight connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT 912 is an ideal comparison test pump for low pressure application.

Generate 95% vacuum to 60 psi (4 bar) pressure



- Portable
- Great stability and high resolution
- Minimal maintenance
- Hand-tight connectors

FEATURES

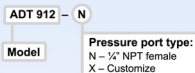
- **Portable**
- **High Resolution**
 - ✓ 0.01Pa (0.0001 mbar)
 - ✓ High-quality screw press for fine pressure adjustment
- **Great Stability**
 - ✓ Isothermal chamber: the pressure chamber is insulated to reduce the influence from environmental temperature changes
 - ✓ Specially designed bellows minimize leakage to guarantee excellent stability
 - ✓ Shut-off valve closes the air in the isothermal chamber during calibration
- **Durable and Minimal Maintenance**
 - Built-in gas-liquid isolator protects the pump from moisture and dirt
- **Easy-to-use**
- **Hand-tight Connectors**
 - Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches

SPECIFICATIONS

- **Media:** Air.
- **Generated Pressure Range**
14 psi (0.95 bar) vacuum to 60 psi (4bar) positive pressure
- **Pressure Resolution**
0.01 Pa (0.0001 mbar).
- **Material**
Ram/adapters: SST
Body: SST/aluminum
Seals: Buna-N
- **Weight:** 6.2 lb (2.8kg)
- **Connection**
Hand-tight connectors for both test gauge and reference gauge.
Test Gauge connection: 1/4" NPT female.
Reference Gauge Connection: 1/4" NPT female.
- **Dimensions**
Height: 5.51" (140 mm)
Base: 10.75" (273 mm) x 10.16" (258 mm)

ORDERING INFORMATION

- **Model Number**



- **Optional Accessories**

Model number	Description
ADT 912-kit	Test kit for ADT 912 (hose barb fitting, hose, etc)
ADT 103	Adapter and fittings, 1/4" NPT male to various male and female connections.
9903-912	Carrying Case for one ADT912 pump and two ADT681 gauges or ADT672 calibrators.
ADT100-HTK-2	Hose Test Kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/2NPT female hand-tight quick connector.
ADT100-HTK-4	Hose Test Kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/4NPT female hand-tight quick connector.
ADT100-HTK-8	Hose Test Kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/8NPT female hand-tight quick connector.
ADT100-HTK-B	Hose Test Kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/4BSP female hand-tight quick connector.