

ADT-912

Low Pressure Test Pump



- Generate 95% vacuum to 60 psi (4 bar) pressure
- Portable
- Great stability and high resolution
- Minimal maintenance
- Hand-tight quick connectors



OVERVIEW

The ADT-912 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 60 psi (4 bar). A high-quality screw press is designed for fine pressure adjustment, with an adjustment resolution up to 0.1 Pa (0.001 mbar). The ADT-912 is a very stable low pressure calibrator. It makes use of an isothermal bellows chamber which is designed for reducing the possible effects of environmental temperature change. Most pumps make use of a check valve (non-returning valve) and are not well insulated which will cause large fluctuations in pressure with a change in ambient temperature or when the unit is touched. The ADT-912 does not use a check valve and is remarkably stable. 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.

FEATURES

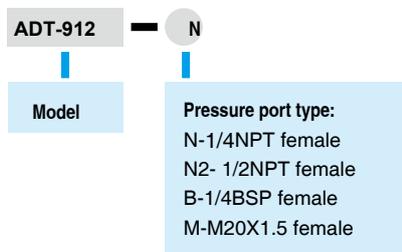
- **Portable:** Only 6.2 lb (2.8 kg)
- **Adjustment Resolution**
0.1Pa (0.001 mbar)
High-quality screw press for fine pressure adjustment
- **Great Stability**
Isothermal chamber: the pressure chamber is insulated to reduce the influence from environmental temperature changes
Specially designed bellows 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 Quick Connectors**
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches

SPECIFICATIONS

- **Media:** Air.
- **Generated Pressure Range**
95% vacuum to 60 psi (4bar) positive pressure
- **Adjustment Resolution**
0.1 Pa (0.001 mbar).
- **Material:** Ram/adapters: SS
Body: SS/aluminum
Seals: Buna-N
- **Connection**
Hand-tight connectors for both test gauge and reference gauge.
Test Gauge connection: 1/4NPT female, 1/4BSP female, or M20X1.5 female
Reference Gauge Connection: 1/4NPT female, 1/4BSP female, or M20X1.5 female
- **Dimensions**
Height: 5.51" (140 mm)
Base: 10.75" (273 mm) x 10.16" (258 mm)
- **Weight:** 6.2 lb (2.8 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number



Accessories included

- O-ring: 20 pcs
- Manual: 1 pc

Optional Accessories

Model number	Description
ADT-912-kit	Test kit for ADT-912 (hose barb fitting, hose, etc)
ADT102	Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs). More information shown on page 53.
ADT103	Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs). More information shown on page 54.
ADT100-HTK	Hose test kit, 5 feet flexible hose, 15,000 psi, 1/4NPT male to 1/4NPT (1/8NPT, 1/2NPT, 1/4BSP, or M20X1.5) female hand-tight quick connector. More information shown on page 55.
9904-912	Carrying Case for one ADT-912 pump and two 681 gauges or 672 calibrators.
ADT-912-MK	Maintenance kit for ADT-912 pump
9240	DP gauge holder, rubber