

ADT-917

Pneumatic Pressure Test Pump

- Generate 95% vacuum to 1,000 psi (70 bar) pressure
- Portable, only 5.7 lb
- Great stability and high resolution
- Minimal maintenance
- Hand-tight quick connectors



OVERVIEW

The ADT-917 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 1,000 psi (70 bar). A high-quality screw press is designed for fine pressure adjustment, with an adjustment resolution up to 10 Pa (0.1 mbar). 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 reduce the need for maintenance. The ADT-917 can be special ordered to comply with oxygen free applications. Two hand-tight quick connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT-917 is an ideal comparison test pump for pressure instruments calibration.

FEATURES

- **Portable**
Only 5.7 lb (2.6 kg)
- **High Resolution**
10 Pa (0.1 mbar)
High-quality screw press for fine pressure adjustment
- **Great Stability**
A specially designed shut-off valve makes the pressure as stable as possible during calibration.
- **Durable and Minimal Maintenance**
Built-in gas-liquid isolator protects the pump from moisture and dirt.
- **Easy-to-use**
Pressurized to desired pressure by the lever directly and make fine adjustment. No high-pressurized valve needed.
- **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 1,000 psi (70 bar) positive pressure
- **Adjustment Resolution:** 10 Pa (0.1 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: 5.5" (140 mm)
Base: 12.4" (315 mm) x 7.8" (198 mm)
- **Weight:** 5.7 lb (2.6 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number

ADT-917 — N

Model

Pressure port type:
N- 1/4NPT female
N2 - 1/2NPT female
B-1/4BSP female
M-M20X1.5 female

Accessories included

O-ring: 20 pcs
Manual: 1 pc

Optional Accessories

Model number	Description
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.
9904-917	Carrying Case for one ADT-917 pump and two ADT-681 gauges or ADT-672 calibrators
ADT-917-MK	Maintenance kit for ADT-917 pump