

# ADT 914 Handheld Pneumatic Pressure Test Pump



## OVERVIEW

The ADT914 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from -14psi (-0.95bar) to 375psi (25bar). 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. 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 ADT914 is an ideal comparison test pump for pressure instruments calibration.

Generate 95% vacuum to 375 psi (25 bar) pressure



- **Portable, only 3.3 lb**
- **Great stability and high resolution**
- **Minimal maintenance**
- **Hand-tight quick connectors**

## FEATURES

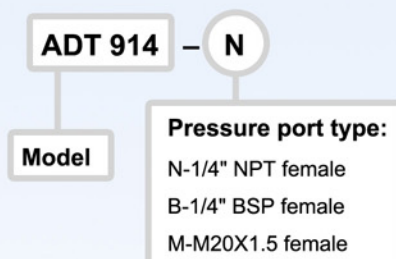
- **Portable** Only 3.3 lb
- **High Resolution**
  - ✓ 10 Pa (0.1 mbar)
  - ✓ High-quality screw press for fine pressure adjustment
- **Great Stability**  
A specially designed shut-off valve makes the pressure as stable as possible during calibration
- **Durable and Minimal Maintenance**  
Built-in gas-liquid isolator protects the pump from moisture and dirt
- **Easy-to-use**
- **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**  
14 psi (0.95 bar) vacuum to 375 psi (25 bar) positive pressure
- **Pressure Resolution:** 10 Pa (0.1 mbar).
- **Material**  
Ram/adapters: SST  
Body: SST/aluminum  
Seals: Buna-N
- **Connection**  
Hand-tight connectors for both test gauge and reference gauge.  
Test Gauge Connection: 1/4"NPT female, 1/4"BSP female, M20X1.5 female  
Reference Gauge Connection: 1/4"NPT female, 1/4"BSP female, M20X1.5 female
- **Dimensions**  
Height: 5.12" (130 mm)  
Base: 9.45" (240 mm) x 4.72" (120 mm)
- **Weight:** 3.31 lb (1.5 kg).
- **Warranty:** 1 year

## ORDERING INFORMATION

### Model Number



### Accessories (included)

- O-ring 20 pc
- Manual 1 pc

### Optional Accessories

Model number	Description
ADT 102	Adapters and fittings, 1/4"NPT male to various male and female connection (26 pc). More information shown on page 37.
ADT 103	Adapters and fittings, 1/4"NPT (1/4BSP, or M20X1.5 ) male to various female hand-tight quick connectors (10 pc). More information shown on page 37.
9901-914	Carrying Case for one ADT914 pump and two ADT681 gauges or ADT672 calibrators
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-B	Hose Test Kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/4BSP female hand-tight quick connector.
Adapters	Choose connection fittings listed on page 37.