

Additel 914

Handheld Pneumatic Pressure Test Pump



- 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



OVERVIEW

The 914 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 375 psi (25 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. 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 914 is an ideal comparison test pump for pressure instruments calibration.

FEATURES

- **Portable:**
Only 3.3 lb (1.5 kg)
- **Adjustment 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:** 95% vacuum to 375 psi (25 bar) positive pressure
- **Adjustment Resolution:** 10 Pa (0.1 mbar).
- **Material:** Ram/adapters: SS
Body: SS, aluminum
Seals: Buna-N, PTFE, Copper Alloy
- **Piston volume:** 21 ml (1.3 in³)
- **Connection**
Hand-tight connectors for both test gauge and reference gauge.
1/4NPT female, 1/2NPT female, 1/4BSP female, 1/2BSP female, or M20X1.5 female
- **Dimensions**
Height: 5.12" (130 mm)
Base: 9.45" (240 mm) x 4.72" (120 mm)
- **Weight:** 3.3 lb (1.5 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number

ADT914 — N

Model

Pressure port type:

N - 1/4NPT female
N2 - 1/2NPT female
B - 1/4BSP female
B2 - 1/2BSP 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 61.
ADT103	Adapters and fittings, 1/4NPT (1/2NPT, 1/4BSP, 1/2BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs). More information shown on page 62.
ADT100-HTK	Hose test kit, 5 feet flexible hose, 15,000 psi, 1/4NPT male to 1/4NPT (1/8NPT, 1/2NPT, 1/4BSP, 1/2 BSP, or M20X1.5) female hand-tight quick connector. More information shown on page 63.
9901-914	Carrying Case for one 914 pump and two 681 gauges or 672 calibrators
ADT914-MK	Maintenance kit for Additel 914 pump

Note: For O₂-clean applications contact Additel.