

Additel 916 Pneumatic Pressure Test Pump



- **Generate 95% vacuum to 600 psi (40 bar) pressure**
- **Portable, only 5.9 lb**
- **Great stability and high resolution**
- **Minimal maintenance**
- **Hand-tight quick connectors**



OVERVIEW

The 916 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 600 psi (40 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 916 is an ideal comparison test pump for pressure instruments calibration.

FEATURES

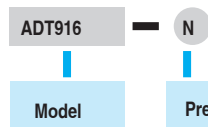
- **Portable**
Only 5.9 lb (2.7 kg)
- **Adjustment Resolution**
10 Pa (0.1 mbar)
High-quality screw press for fine pressure adjustment
- **Great Stability**
A specially designed shut-off valve makes the pressure as stable as possible during calibration.
- **Durable and Minimal Maintenance**
Built-in 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 600 psi (40 bar) positive pressure
- **Pressure Resolution:** 10 Pa (0.1 mbar).
- **Material**
Ram/adapters: SS
Body: SS/aluminum
Seals: Buna-N
- **Piston volume:** 21 ml (1.3 in³)
- **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:** 5.9 lb (2.7 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number



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 numberel	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.
9904-916	Carrying Case for one ADT916 pump and two ADT681 gauges or ADT672 calibrators
ADT916-MK	Maintenance kit for Additel 916 pump

Note: For O₂-clean applications contact Additel.