# Additel 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 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 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 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, PTFE, Copper Alloy
- **Piston volume:** 27 ml (1.6 $in^3$)
- **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: 5.5" (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**

ADT917 — N • • SET

Model

**Pressure port type:**
N -1/4NPT female
N2 - 1/2NPT female
B - 1/4BSP female
B2 - 1/2BSP female
M-M20X1.5 female

**SET:** Pump and carrying case included

- **Accessories included**
  O-ring: 20 pcs
  Manual: 1 pc
  Carrying case (917-X-SET models only)

- **Optional Accessories**

| *Model number* | *Description* |
|---|---|
| ADT102 | Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs). |
| 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). |
| ADT100-HTK-8K | Hose test kit, 5 feet flexible hose, 8,000 psi, user selectable male (1/4NPT, 1/2NPT, 1/4BSP, 1/2BSP, M20) to user selectable female hand tight quick connector. |
| 9904-917 | Carrying Case for one 917 pump and two 681 gauges or 672 calibrators |
| ADT917-MK | Maintenance kit for Additel 917 pump |

Note: For oil free applications contact Additel.

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