Additel 918
Pneumatic Pressure Test Pump

Additel
Metrology Made Simple

- **Generate 95% vacuum to 1,500 psi (100 bar) pressure**
- Portable, only 5.7 lb
- Great stability and high resolution
- Minimal maintenance
- Hand-tight quick connectors

OVERVIEW

The 918 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 1,500 psi (100 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 918 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 918 is an ideal comparison test pump for pressure instruments calibration.

FEATURES

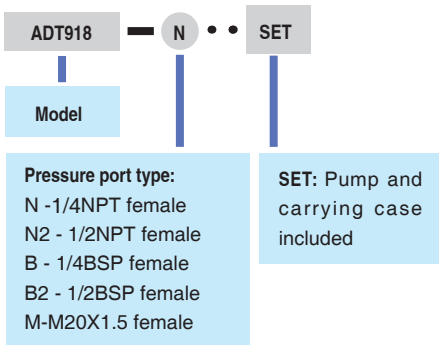
- **Portable**
  Only 5.7 lb (2.6 kg)
- **High Resolution**
  0.001psi (10 Pa , 0.1 mbar)
  High-quality screw press for fine pressure adjustment
- **Great Stability**
  A specially designed shut-off valve makes the pressure as stable as possible during calibration.
- **Durable and Minimal Maintenance**
  Built-in gas-liquid isolator protects the pump from moisture and dirt.
- **Easy-to-use**
  Pressurize to desired pressure by the pump lever directly, and then make fine adjustment. No high-pressure valve needed.
- **Hand-tight Quick Connectors**
  Allows easy connection and disconnection to the test pump without the need for PTFE tape or wrenches.

SPECIFICATIONS

- **Media**: Air.
- **Generated Pressure Range**
  95% vacuum to 1,500 psi (100 bar) positive pressure
- **Adjustment Resolution**: 0.001 psi (10 Pa , 0.1 mbar).
- **Material**: Ram/adapters: SS
  Body: SS, aluminum
  Seals: Buna-N, FTM, PTFE, Copper Alloy
- **Piston volume:** 1.6 in^3 (27 ml)
- **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**



- **Accessories included**
  O-ring: 20 pcs
  Carrying case (918-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.
9904-918	Carrying Case for one 918 pump and two gauges
ADT918-MK	Maintenance kit for Additel 918 pump

Note: For oil free applications contact Additel.

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