

ADT 919 Pneumatic High Pressure Test Pump



OVERVIEW

The ADT 919 Pneumatic High Pressure Test Pump is a hand operated pressure pump designed to generate pressure from -14psi (-0.95bar) to 2000psi (140bar). With a long lever, it just takes 30 seconds to reach 2000 psi (140 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 residual liquid in the pump introduced from devices under test will be pushed out and collected during pressure release. 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 ADT 919 is an ideal comparison test pump for pressure instruments calibration.

Generate 95% vacuum to 2000 psi (140 bar) pressure



- Generate 2000 psi (140 bar) in 30 seconds
- Minimal maintenance
- Hand-tight quick connectors
- First one in the world

FEATURES

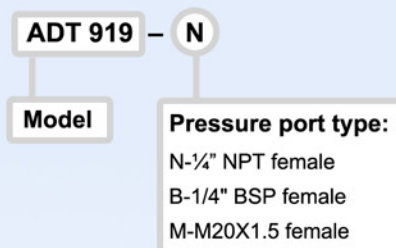
- **High Efficiency**
Generate 2000 psi (140 bar) in 30 seconds
- **High Resolution**
 - ✓ 10 Pa (0.1 mbar)
 - ✓ High-quality screw press for fine pressure adjustment
- **Great Stability**
A specially designed shut-off valve makes the pressure as stable as possible during calibration.
- **Durable and Minimal Maintenance**
 - ✓ Built-in gas-liquid isolator protects the pump from moisture and dirt
 - ✓ The residual liquid in the pump introduced from devices under test will be pushed out and collected during pressure release
- **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 2000 psi (140 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: 7.00" (178 mm);
Base: 21.26" (540 mm) x 10.63" (270 mm).
- **Weight:** 16.4 lb (7.4 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.
9909-919	Carrying Case for one ADT919 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.