

OVERVIEW

The ADT 919 Pneumatic High Pressure Test Pump is a hand operated pressure pump designed to generate pressure either 95% vacuum or 2000 psi (120 bar). With a long lever, it just takes 30 seconds to reach 2000 psi (120 bar). A high-quality screw press is designed for fine pressure adjustment, with adjusting resolution up to 10 Pa (0.1 mbar). A specially designed shut-off valve makes the pressure stability as high as possible during calibration. A built-in gas-liquid isolator protects the pump from moisture and dirt to minimize the maintenance. The residual liquid in the pump introduced from devices under test will be pushed out and collected during pressure release. Two finger-tight connectors installed on the pump allow the user using fingers to connect and disconnect the reference gauge and devices under test quickly and easily without the need for PTFE tape or wrenches. The ADT 918 is an ideal comparison test pump for pressure instruments calibration.

Generate 95% vacuum to 600 psi (40 bar) pressure



- Generate 2000 psi (120 bar) in 30 seconds
- Minimal maintenance
- Finger-tight connectors
- First one in the world

FEATURES

- **High efficiency**
Generate 2000 psi (120 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 stability as high 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
- **Finger-tight Connectors**
Using your fingers to connect and disconnect gauges quickly and easily without the need for PTFE tape or wrenches

SPECIFICATIONS

- **Media:** Air.
- **Generated Pressure Range:**
14 psi (0.95 bar) vacuum to 2000 psi (120 bar) positive pressure
- **Pressure Resolution:**
10 Pa (0.1 mbar)
- **Material:**
Ram/adapters: SST;
Body: SST/aluminum;
Seals: Buna-N.
- **Connection:**
Finger-tight connectors for both test gauge and reference gauge.
Test Gauge connection: 1/4" NPT female or BSP female.
Reference Gauge Connection: 1/4" NPT female or BSP female.
- **Dimensions:**
Height: 5.12" (130 mm);
Base: 14.76" (375 mm) x 12.40" (315 mm).
- **Weight:** 16.4 lb (7.4 kg).

ORDERING INFORMATION

- **Model number:**

ADT 919 - N

Model

Pressure port type:

N - 1/4" NPT female
B - 1/4" BSP female

- **Optional Accessories:**

Model number	Description
ADT 101	Connection fitting, 1/4" NPT male to various female connectors
ADT 102	Connection fitting, 1/4" BSP male to various female connectors