



-14 psi to 2,000 psi

OVERVIEW

The ADT9191 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 connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT919 is an ideal comparison test pump for pressure instruments calibration.

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 Connectors

Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

APPLICATIONS

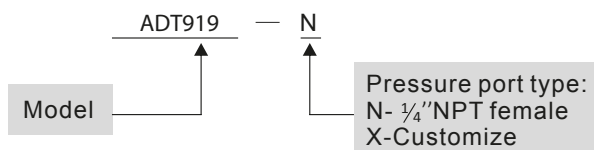
The ADT919 is designed to generate pressure from 95% vacuum to 2000 psi (140 bar) for the high pressure application requiring accurate pressure testing and calibration. It can be used in calibrating high pressure gauges, transmitters, or other pressure measuring instruments.

SPECIFICATIONS

- › Media: Air
- › Generated Pressure Range
 - 14 psi (-0.95 bar) to 2000 psi (140 bar) 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
 - Reference Gauge Connection: 1/4" NPT female
- › Dimensions
 - Height: 7.00" (178 mm)
 - Base: 21.26" (540 mm) x 10.63" (270 mm)
- › Weight: 16.4 lb (7.4 kg)

ORDERING INFORMATION

Model Number



Optional Accessories

Model Number	Description
9909	Carrying case for pump and one gauge
103	Adapters & Fittings