



-14 psi to 60 psi

OVERVIEW

The ADT912 Pneumatic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from -14psi (-0.95bar) to 60psi (4bar). A high-quality screw press is designed for fine pressure adjustment, with an adjustment resolution up to 0.01 Pa (0.0001 mbar). To reach the pressure as stable as possible during the micro-pressure calibration, an isothermal bellows chamber is designed to reduce the possible heat effects caused by environmental temperature change, and 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 reducing the need for maintenance. 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 ADT912 is an ideal comparison test pump for low pressure application.

FEATURES

- › Portable
Only 6.9 lb
- › High Resolution
0.01Pa (0.0001 mbar)
High-quality screw press for fine pressure adjustment
- › Great Stability
 - Isothermal chamber: the pressure chamber is insulated to reduce the influence from environmental temperature changes
 - Specially designed bellows minimize leakage to guarantee excellent stability
 - Shut-off valve closes the air in the isothermal chamber during calibration

- › Durable and Minimal Maintenance
Built-in gas-liquid isolator protects the pump from moisture and dirt
- › Easy-to-use
Pressure could be set and adjusted precisely and quickly through a simple turn of the handle
- › Hand-tight Connectors
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches

APPLICATIONS

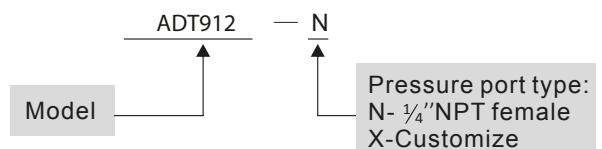
The ADT912 Low Pressure Test Pump is designed to generate pressure from 95% vacuum to 60 psi (4bar) for the application requiring accurate pressure testing and calibration. It can be used in calibrating pressure gauges, transmitters, or other pressure measuring instruments.

SPECIFICATIONS

- › Media: Air
- › Generated Pressure Range:
-14 psi (-0.95 bar) to 60 psi(4 bar) pressure
- › Pressure Resolution: 0.01 Pa (0.0001 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: 5.51" (140 mm)
Base: 10.75" (273 mm) x 10.16" (258 mm)
- › Weight: 6.9 lb (3.1 kg)

ORDERING INFORMATION

Model Number



Optional Accessories

Model Number	Description
ADT912-kit	Test kit (hose barb fitting, hose)
9903	Carrying case pump and one gauge
103	Adapters & Fittings