



OVERVIEW

The ADT901 Low Pressure Test Pump is a hand operated pressure pump designed to generate pressures from -6 psi (-0.4 bar) to 6 psi (0.4 bar). 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 micro-pressure calibrations, an isothermal bellows chamber is designed for reducing the possible heat effects caused by environmental temperature change. Without non-returning valve that is usually used on troublesome hand pumps, the ADT901 requires minimal 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 ADT901 is an ideal comparison test pump for low pressure applications.

FEATURES

- Portable
Only 3.5 lb
- High Resolution
0.01Pa (0.0001 mbar)
Specially designed 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.

- Durable and Minimal Maintenance
Without non-returning valve that is usually used on troublesome hand pump.
- 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

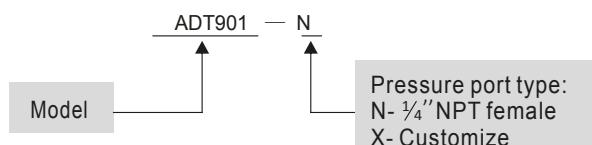
The ConST113 is designed for low pressure application requiring accurate low pressure testing and calibration. It can be used in calibrating low pressure gauges, transmitters, or other pressure measuring instruments.

SPECIFICATIONS

- Media : Air
- Generated Pressure Range:
-6 psi (-0.4 bar) to 6 psi (0.4 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: 5.7" (145 mm)
 - Base: 9.65" (245 mm) x 6.50" (165 mm)
- Weight: 3.5 lb (1.6 kg)

ORDERING INFORMATION

Model Number



Optional Accessories

Model Number	Description
ADT901 -kit	Test kit for (hose barb fitting, hose)
9903	Carrying case for pump and one gauge
103	Adapters & Fittings