Additel 901
Low Pressure Test Pump

- Generate 6 psi (0.4 bar) vacuum to 6 psi (0.4 bar) pressure
- Portable, only 3.5 lb
- Great stability and high resolution
- Minimal maintenance
- Hand-tight quick connectors

OVERVIEW

The 901 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 0.1 Pa (0.001 mbar). The 901 is a very stable low pressure calibrator. It makes use of an isothermal bellows chamber which is designed for reducing the possible effects of environmental temperature change. Most pumps make use of a check valve (non-returning valve) and are not well insulated which will cause large fluctuations in pressure with a change in ambient temperature or when the unit is touched. The 901 does not use a check valve and is remarkably stable. 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 901 is an ideal comparison test pump for low pressure applications.

FEATURES

- Portable: Only 3.5 lb
- Adjustment Resolution
  0.1 Pa (0.001 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 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
  6 psi (0.4 bar) vacuum to 6 psi (0.4 bar) positive pressure.
- Adjustment Resolution: 0.1 Pa (0.001 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: 1/4NPT female, 1/4BSP female, or M20X1.5 female
  Reference Gauge Connection: 1/4NPT female, 1/4BSP female, or M20X1.5 female
- Dimensions: Height: 5.7” (145mm) Base: 9.65” (245 mm) x 6.50” (165mm)
- Weight: 3.5 lb (1.6 kg).
- Warranty: 1 year.

ACCESSORIES

- Accessory Description
  ADT901-kit: Test kit for ADT901 (hose Barb fitting, hose, etc)
  ADT901-HD: Holder for Additel 681 differential gauge or 672 differential calibrator.
  ADT102: Adapters and fittings, 1/4NPT male to various male and female connection (26 pcs).
  ADT103: Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs).
  ADT100-HTK: Hose test kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/4NPT (1/8NPT, 1/2NPT, 1/4BSP, or M20X1.5) female hand-tight quick connector.
  9901-901: Carrying Case for one ADT901 pump and two ADT681 gauges or ADT672 calibrators

ORDERING INFORMATION

- Model Number
  Model: ADT901
  Pressure port type: N-1/4NPT female N2- 1/2NPT female B-1/4BSP female M-M20X1.5 female

- Accessories included
  O-ring: 20 pcs
  Manual: 1 pc

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