

ADT-927

Hydraulic Pressure Test Pump



- Generate 85% vacuum to 10,000 psi (700 bar) pressure
- Portable, only 7 lb
- Minimal maintenance
- Increase and decrease pressure smoothly
- Hand-tight quick connectors



OVERVIEW

The ADT-927 Hydraulic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 85% vacuum to 10,000 psi (700 bar). With the patented screw press technology, high pressures can be easily generated, as well as increased and decreased smoothly. With no check valve (non-returning valve), the ADT-927 avoids the troublesome leakage issues that is usually experienced with most hand pumps and allows for minimal maintenance. Two hand-tight quick connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT-927 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers in the field or laboratory.

FEATURES

- **Portable**
Only 7 lb
- **Durable and Minimal Maintenance**
Patented screw press technology, without non-returning valve inside that is usually used on troublesome hand pumps.
- **Easy-to-use**
The high pressure can be generated easily, as well as increased and decreased smoothly.
- **Extremely Low Leakage**
Patented screw press technology, replaces troublesome check valves (non-returning valve) used in most hand pumps which practically eliminates leakage.
- **Hand-tight Quick Connectors**
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

SPECIFICATIONS

- **Media:** Oil or deionized water.
(Oil is default media liquid. Pump with water as media to be ordered specifically)
- **Generated Pressure Range**
85% vacuum to 10,000 psi (700 bar) positive pressure.
- **Material:** Ram/adapters: SS
Body: SS/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: 5.31" (135 mm)
Base: 11.42" (290 mm) x 7.80" (198 mm).
- **Weight:** 7 lb (3.2 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number

ADT-927	N
Model	Pressure port type: N- 1/4NPT female N2-1/2NPT female B-1/4BSP female M-M20X1.5 female

Accessories included

Diethylhexyl Sebacate oil, 1 bottle (250 ml)*
O-ring: 20 pcs
Manual: 1 pc

* When water media is not requested

Optional Accessories

Model number	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
ADT-102	Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs). More information shown on page 53.
ADT-103	Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs). More information shown on page 54.
ADT-100-HTK	Hose test kit, 5 feet flexible hose, 15,000 psi, 1/4NPT male to 1/4NPT (1/8NPT, 1/2NPT, 1/4BSP, or M20X1.5) female hand-tight quick connector. More information shown on page 55.
9904-927	Carrying Case for one ADT-927 pump and two ADT-681 gauges or ADT-672 calibrators
ADT-927-MK	Maintenance kit for ADT-927 pump