

ADT 927

Hydraulic Pressure Test Pump



- Generate 85% vacuum to 700 bar (10,000 psi) pressure
- Portable, only 3.2 kg (7 lb)
- Minimal maintenance
- Increase and decrease pressure smoothly
- Hand-tight quick connectors

Overview

The 927 Hydraulic Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 85% vacuum to 700 bar (10,000 psi). 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 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 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 3.2 kg (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 700bar (10,000psi) positive pressure
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.....135 mm x 290 mm x 198 mm (5.31" x 11.42" x 7.80")
Weight.....3.2 kg (7 lb)
Warranty.....1 year

Ordering information

Accessories

ADT 927
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)
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.
9904-927	Carrying Case for one 927 pump and two 681 gauges or 672 calibrators