Additel 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 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 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 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 as 927W. Pump stability is best when used with oil. Performance may decrease when used with water as the media.)
- **Reservoir capacity:** 245 ml (15 in^3)
- **Generated Pressure Range**
  85% vacuum to 10,000 psi (700 bar) positive pressure.
- **Material:** Ram/adapters: SS
  Body: SS, aluminum
  Seals: Buna-N, PTFE, Copper Alloy
- **Connection**
  Hand-tight connectors for both test gauge and reference gauge.
  1/4NPT female, 1/2NPT female, 1/4BSP female, 1/2BSP 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
- **Piston volume**
  Low pressure piston: 19 ml (1.2 in^3)
  High pressure piston: 0.9 ml (0.05 in^3)

ORDERING INFORMATION

- **Model Number**

ADT927 — N • • SET

Model:
ADT927
ADT927W

Pressure port type:
N - 1/4NPT female
N2 - 1/2NPT female
B - 1/4BSP female
B2 - 1/2BSP female
M - M20X1.5 female

SET: Pump and carrying case included

- **Accessories included**
  Mineral oil,1 bottle (250 ml)*
  O-ring: 20 pcs
  Manual: 1 pc
  Carrying case (927-X-SET models only)
  * When water media is not requested

- **Optional Accessories**

Model number	*Description*
9202	Mineral Oil, 1 liter (1 quart)
ADT102	Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs).
ADT103	Adapters and fittings, 1/4NPT (1/2NPT, 1/4BSP, 1/2BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs).
ADT100-HTK-15K	Hose test kit, 5 feet flexible hose, 15,000 psi, 1/4NPT male to 1/4NPT (1/8NPT, 1/2NPT, 1/4BSP,1/2BSP, or M20X1.5) female hand-tight quick connector.
9904-927	Carrying Case for one 927 pump and two 681 gauges or 672 calibrators
ADT927-MK	Maintenance kit for Additel 927 pump

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