Additel 928
Hydraulic Pressure Test Pump

Metrology Made Simple

- Pressurize large-volume workload
- Generate to 15,000 psi (1,000 bar) pressure
- Portable only 8.6 lbs (3.9 kg)
- Increase and decrease pressure smoothly
- Hand-tight quick connectors

OVERVIEW

The Additel 928 Hydraulic Pressure Test Pump is a hand operated pressure pump designed to generate pressure to 15,000 psi (1,000 bar). This pump incorporates a dual-piston system which is ideal for filling large volume workload with the hand pump and providing smooth increase and decrease of pressure with the fine adjustment. The 928 Test Pump incorporates an isolation valve which isolates the calibration volume from the check valve associated with the hand pump. Because the check valve can often be a source of leaks and maintenance, the isolation valve provides more stable measurements and reduces potential maintenance of the pump. 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 Additel 928 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers in the field or laboratory.

FEATURES

- **Hand pump to fill large volume systems**
- **Portable at 8.6 lbs (3.9 kg)**
- **Durable and minimal maintenance**
  Isolation valve provides stable pressures while reducing maintenance on the hand pump check valve
- **Easy to use**
  15,000 psi (1,000 bar) can be generated easily with the dual-piston system
- **Hand-tight quick connectors**
  Allows easy connection and disconnection to the test pump without the need for PTFE tape or wrenches

SPECIFICATIONS

- **Media:** Mineral oil or deionized water.
  (Oil is default media liquid. Pump with water as media to be ordered as 928W. Pump stability is best when used with oil. Performance may decrease when used with water as the media.)
- **Generated Pressure Range**
  0 to 15,000 psi (1,000 bar) gauge pressure
- **Material:**
  Ram/adapters: 304 SS Body: 304 SS, aluminum
  Seals: Buna-N, PTFE, Copper Alloy Reservoir: UPVC
- **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: 6.38" (162 mm)
  Base: 13.58" (345 mm) x 8.46" (215 mm)
- **Weight:** 8.6 lb (3.9 kg)
- **Piston Volume:** Fine adjust piston: 0.9 ml (0.05 in^3)
- **Volume Per Stroke:** 3.72 ml
- **Reservoir Volume:** 150 ml (9.15 in^3)
- **Warranty:** 1 year

ORDERING INFORMATION

- **Model Number**

ADT928 — N • • SET

Model:
ADT928
ADT928W

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 (928-X-SET models only)
  * When water media is not requested

- **Optional Accessories**

Model number	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
9202	Oil, Mineral oil, 1 liter (1 quart)
ADT102	Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs). More information shown on page 70.
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). More information shown on page 71.
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.
9904-928	Carrying Case for one 928 pump and two pressure test gauges
ADT928-MK	Maintenance kit for Additel 928 pump
ADT100-928-HK	Hose Kit, External Reservoir Expansion Hose Kit for ADT928

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