

# Additel 928A

## Hydraulic Pressure Test Pump



- Pressurize large-volume workload
- Generate to 15,000 psi (1,000 bar) pressure
- Improved Anti-Corrosion Performance
- Portable only 9.5 lbs (4.3 kg)
- Increase and decrease pressure smoothly
- Hand-tight quick connectors

### OVERVIEW

The Additel 928A 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 928A 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 928A 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 9.5 lbs (4.3 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

### ORDERING INFORMATION

#### Model Number

ADT928A — N • • SET

#### Model:

ADT928A  
ADT928AW  
ADT928AC

#### 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)\*

\* When water media is not requested

O-ring: 20 pcs

Carrying case (928A-X-SET models only)

### SPECIFICATIONS

- **Media:** Mineral oil, deionized water.  
Oil is default media. Pumps designed for water media ordered as 928AW. Pumps with Skydrol Oil (phosphoric acid ester) as media ordered as 928AC.
- **Generated Pressure Range**  
0 to 15,000 psi (1,000 bar) gauge pressure
- **Material:**  
Ram/adapters: 304 SS                      Body: 304 SS  
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:** 9.5 lbs (4.3 kg)
- **Piston Volume:** Fine adjust piston: 0.9 ml (0.05 in<sup>3</sup>)
- **Volume Per Stroke:** 3.72 ml
- **Reservoir Volume:** 150 ml (9.15 in<sup>3</sup>)
- **Warranty:** 1 year

#### 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 83.                                              |
| 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 84. |
| 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 928A pump and two pressure test gauges                                                                                                       |
| ADT928A-MK     | Maintenance kit for Additel 928A pump                                                                                                                              |
| ADT100-928-HK  | Hose Kit, External Reservoir Expansion Hose Kit for ADT928A                                                                                                        |