

# Additel 997

## Handheld Hydraulic Pressure Pump



- Pressure range: up to 10,000 psi (700 bar)
- Dual-stage piston: Higher pressure with less effort
- Multi-position versatility for on-site use
- Lever pressurization: Efficient and quick stabilization
- Portable: Weighs 4.19 lb (1.9 kg)
- High durability with low maintenance



### OVERVIEW

The ADT997 Handheld Hydraulic Pressure Pump offers a pressure range to 10,000 psi (700 bar), making it highly versatile for a wide range of applications. It is designed for ease of use with a dual-stage pre-pressure piston, enabling both a broad pressure range and energy-efficient performance. The pump achieves rapid pressure stabilization thanks to its lever-type pressurization system, while the fine adjustment screw ensures high precision for pressure settings. Its longitudinal layout further enhances its functionality, providing excellent control during operation. Additionally, the pump's four different operating positions allow users to adapt easily to varying work requirements, making it an ideal, modern replacement for traditional handheld pressure pumps.

### SPECIFICATIONS

- **Media:**  
Hydraulic oil, mineral oil, transformer oil, alcohol, antifreeze, Deionized Water etc. Other medium need contact Additel
- **Generated Pressure Range:**  
up to 10,000 psi (700 bar)
- **Adjustment Resolution:** 100 Pa (1 mbar).
- **Maximum load volume:** 100 ml
- **Maximum volume of fine adjustment:** 1.5 ml
- **Port filters:**  
Standard port: 150µm quick removal filter  
Pump air intake port: 100µm quick removal filter  
Pressure outlet: 150µm quick release filter
- **Material:**  
Ram/adapters: SS  
Body: SS, aluminum, UPVC  
Seals: Buna-N, PTFE, Copper Alloy
- **Dimensions:** Height: 5" (128mm)  
Base: 15.2" (385mm) x 6.5" (166mm)
- **Warranty:** 1 year

### Multi-position Versatility



Horizontal Orientation



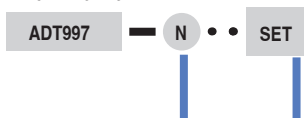
Vertical Orientation



Tilt-Head

### ORDERING INFORMATION

#### Model Number



#### 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  
Flexible hose (Maximum pressure: 720 bar)  
ADT100-X-M18M (one female quick connector for DUT)  
(X - designated by base model ordered)  
Carrying case (997-X-SET models only)  
\*When water media is not requested.

#### Optional Accessories

Model number	Description
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).
9901-997	Carrying Case for one ADT 997 hande pump
9202	Oil, Mineral Oil, 1 liter(1 quart)
ADT997-MK	Maintenance kit for Additel 997 pump
ADT100-X-M18M	One female quick connector for DUT (See below for configurations)

 NPTF4Q 1/4NPT female quick connector	 NPTF2Q 1/2NPT female quick connector	 BSPF4Q 1/4BSP female quick connector	 BSPF2Q 1/2BSP female quick connector	 M20FQ M20X1.5 female quick connector
 NPTM4 1/4NPT Male	 NPTM2 1/2NPT Male	 BSPM4 1/4BSP Male	 BSPM2 1/2BSP Male	 M20M M20X1.5 Male