

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

ADT997 — N — SET

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 (adapter 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 hand pump | | | | |
| 9202 | Oil, Mineral Oil, 1 liter(1 quart) | | | | |
| ADT997-MK | Maintenance kit for Additel 997 pump | | | | |
| ADT100-X-M18M | Adapter for DUT connection (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 | |
| NPTF4 1/4NPT female | NPTF2 1/2NPT female | BSPF4 1/4BSP female | BSPF2 1/2BSP female | M20F M20X1.5 female | |
| NPTM4 1/4NPT Male | NPTM2 1/2NPT Male | BSPM4 1/4BSP Male | BSPM2 1/2BSP Male | M20M M20X1.5 Male | |