

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 (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