Additel 997
Handheld Hydraulic Pressure Pump

Additel
Metrology Made Simple

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

Phone: 714-998-6899 Fax: 714-998-6999 Email: sales@additel.com
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Corporate Headquarters
2900 Saturn Street #B
Brea, CA 92821, USA

Salt Lake City Office
1364 West State Rd. Suite 101
Pleasant Grove, UT 84062, USA