Additel 992, 993
Handheld Pneumatic Pressure Pump

Additel
Metrology Made Simple

- **Pressure range: up to 1,000 psi (70 bar)**
- **Dual-stage piston: Higher pressure with less effort**
- **Multi-position versatility for on-site use**
- Lever pressurization: Efficient and quick stabilization
- Portable: Weighs 3.5 lb (1.6 kg)
- Low maintenance

OVERVIEW

The ADT992 and ADT993 Handheld Pneumatic Pressure Pumps offer a pressure range from 95% vacuum to 1,000 psi (70 bar), making them highly versatile for a wide range of applications. The ADT992 has a maximum pressure of 700 psi, while the ADT993 extends up to 1,000 psi. Designed for ease of use, the dual stage pre-pressure piston provides a broad pressure range and energy-efficient performance. The pump quickly stabilizes pressure with its lever-type pressurization system, and the fine adjustment screw ensures precise pressure settings. Its longitudinal layout enhances control during operation, and four different operating positions allow users to adapt to various work requirements, making it an ideal, modern replacement for traditional handheld pressure pumps.

SPECIFICATIONS

- **Media:** Air
- **Generated Pressure Range**:
  ADT992: 95% vacuum to 700 psi (50 bar)
  ADT993: 95% vacuum to 1,000 psi (70 bar)
- **Adjustment Resolution:** 10 Pa (0.1 mbar).
- **Minimum Pre-pressure:** 600 psi (40 bar)
- **Boost pressure of lever stroke:**
  +30 psi (2 bar) / stroke
- **Maximum load volume:** 35 ml
- **Maximum volume of fine adjustment:** 7.2 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
  Seals: Buna-N, PTFE, Copper Alloy
- **Dimensions:** Height: 4.8" (122mm)
  Base: 12.6" (320mm) x 4.3" (110mm)
- **Warranty:** 1 year

Multi-position Versatility

Horizontal Orientation

Vertical Orientation

Tilt Head

ORDERING INFORMATION

- **Model Number**

ADT992 — N • • SET

Model
ADT992
ADT993

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**

O-ring: 20 pcs
Flexible hose (Maximum pressure:630 bar)
ADT100-X-FNG (one female quick connector for DUT)
(X - designated by base model ordered)
Carrying case (992/993-X-SETmodels only)

- **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).
9901-992	Carrying Case for one ADT992 or 993 hande pumps
ADT992,993-MK	Maintenance kit for Additel 992,993 pump
ADT100-X-FNG	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

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Rev # 20250220

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