

ADT-949

Hydraulic Ultra-high Pressure Test Pump

- Generate 85% vacuum to 40,000 psi (2,800 bar) pressure
- Minimal maintenance
- Easy-to-use
- Three pressure ports



OVERVIEW

The ADT-949 Hydraulic Ultra-high Pressure Test Pump is a hand operated pressure pump designed to generate pressure up to 40,000 psi (2800 bar). With the patented screw press technology, high pressures can be easily generated, increased and decreased smoothly. A specially designed shut-off valve makes the pressure as stable as possible during calibration. With no non-returning valve, the ADT-949 avoids the troublesome leakage issues that is usually experienced with hand pumps and allows for minimal maintenance. The ADT-949 is an ideal comparison test pump for calibrating ultra-high pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

FEATURES

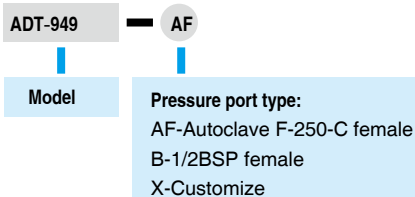
- **Generate Ultra-high Pressure**
Generate pressure up to 40,000 psi (2800 bar)
- **Durable and Minimal Maintenance**
Patented screw press technology, without non-returning valve inside that is usually used on troublesome hand pumps.
- **Easy-to-use**
With the patented screw press technology, high pressures can be generated easily, as well as increased and decreased smoothly.
- **Extremely Low Leakage**
Patented screw press technology replaces troublesome, check valves (non-returning valve) found in most hand pumps which practically eliminates leakage.

SPECIFICATIONS

- **Media:** Oil
- **Pressure Range**
85% vacuum to 40,000psi (2,800bar) positive pressure.
- **Material**
Ram/adapters: SS
Body: SS/aluminum
Seals: Buna-N
- **Connection**
Test Gauge Connection: Positional Autoclave F-250-C, 9/16" - 18 UNF female
Reference Gauge Connection: Positional Autoclave F-250-C, 9/16" - 18 UNF female
1/2BSP female and M20X1.5 female connections are available upon request.
- **Dimensions:** Height: 9.1" (230 mm)
Base: 20.5" (520 mm) x 14.2" (360 mm)
- **Weight:** 35.2 lb (16 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number



Accessories included

Diethylhexyl Sebacate oil: 1 bottle (250 ml)
Manual: 1 pc

Optional Accessories

Model number	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
ADT-104	Adapters and fittings, 1/4HP male to various male and female connectors (17 pcs). More information shown on page 55.
9908	Carrying case for ADT-936, ADT-937, ADT-938 or ADT-949.
ADT-949-MK	Maintenance kit for ADT-949 pump