

OVERVIEW

Hydraulic Ultra-high Pressure Pump is a hand operated pressure pump designed to generate pressure up to 37,500 psi (2500 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. Without non-returning valve that is usually used on troublesome hand pump, the ADT949 requires 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.

85% vacuum to 37,500psi (2,500bar) pressure



- Generates ultra-high pressures to 37,500 psi (2500 bar)
- Minimal maintenance
- Easy-to-use
- Three pressure ports

FEATURES

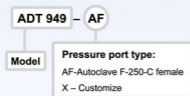
- **Generate Ultra-high Pressure**
Generate pressure up to 37,500 psi (2500 bar)
- **Durable and Minimal Maintenance**
Patented screw press technology, without non-returning valve inside that is usually used on troublesome hand pumps.
- **Easy-to-use**
With the patented screw press technology, the high pressures can be generated easily, increased and decreased smoothly.
- **Extremely Low Leakage**
Patented screw press technology, instead of leaking, troublesome, non-returning hand pumps.

SPECIFICATIONS

- **Media:** Oil
- **Generated Pressure Range**
12.5psi (0.85bar) vacuum to 37,500psi (2,500bar) positive pressure.
- **Material**
Ram/adapters: SST
Body: SST/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
Two adapters are provided per request.
- **Dimensions**
Height: 9.1" (230 mm)
Base: 20.5" (520 mm) x 14.2" (360 mm)
- **Weight:** 35.5 lb (16 kg).

ORDERING INFORMATION

■ Model Number



■ Optional Accessories

Model number	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
ADT 104	Adapter and Fittings, 1/4"HP male to various male and female connections.