



-12.5 psi to 37,500 psi

## OVERVIEW

The ADT949 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 ADT949 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 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.

## APPLICATIONS

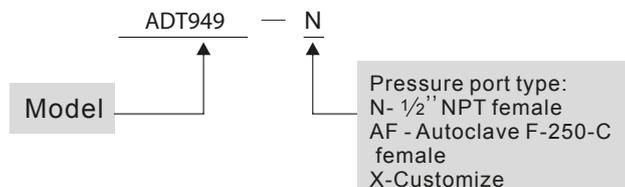
The ADT949 is a hand operated pressure pump designed to generate pressure up to 37,500 psi (2500 bar). With the patented screw press technology, high pressure can be easily generated, increased and decreased smoothly. A specially designed shut-off valve makes the pressure as stable as possible during calibration. Without non-returning valve that is usually used on troublesome hand pump, ADT949 has minimal maintenance required. The ADT949 is an ideal comparison test pump for calibrating ultra-high pressure measuring instruments against test gauges, indicators or transducers in the laboratory.

## SPECIFICATIONS

- **Media :** Oil
- **Generated Pressure Range**  
-12.5 psi (-0.85 bar) to 37,500 psi (2500 bar) 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
9908	Carrying case for ADT949 pump and one gauge
103	Adapters & Fittings