

# ADT 949

## Hydraulic Ultra-High Pressure Test Pump



- Generate 85% vacuum to 2800 bar (40,000 psi) pressure
- Minimal maintenance
- Easy-to-use
- Three pressure ports

### Overview

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The 949 Hydraulic Ultra-high Pressure Test Pump is a hand operated pressure pump designed to generate pressure up to 2800 bar (40,000 psi). 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 949 avoids the troublesome leakage issues that is usually experienced with hand pumps and allows for minimal maintenance. The 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

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- **Generate ultra-high pressure**  
Generates pressure up to 2800 bar (40,000 psi)
- **Durable and Minimal Maintenance**  
Patented screw press technology, without non-returning valve inside that is usually used on troublesome hand pumps.
- **Easy to use**  
High pressure 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) in most hand pumps which practically eliminates leakage.



## Specifications

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<b>Media</b> .....	Oil
<b>Pressure Range</b> .....	85% vacuum to 2,800bar (40,000psi) positive pressure
<b>Material</b>	
Ram/adapters.....	SST
Body.....	SST/aluminum
Seals.....	Buna-N
<b>Connection</b>	
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.	
<b>Dimensions</b> .....	230 mm x 520 mm x 360 mm (9.1" x 20.5" x 14.2")
<b>Weight</b> .....	16 kg (35.2 lb)
<b>Warranty</b> .....	1 year

## Ordering information

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### Accessories

ADT 949

Diethylhexyl Sebacate oil: 1 bottle (250 ml)

Manual: 1 pc

### Optional accessories

Model number	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
ADT104	Adapters and fittings, 1/4HP male to various male and female connectors (17 pcs).
9908	Carrying Case for 936, 937, 938 or 949