

## OVERVIEW

The ADT 949 Hydraulic Ultra-High Pressure Test Pump is a hand operated pressure pump designed to generate pressure up to 37,500 psi (2500 bar). With the patented screw press technology, the high pressure can be easily generated, increased and decreased smoothly. A specially designed shut-off valve makes the pressure stability as high as possible during calibration. Without non-returning valve that is usually used in "trouble-maker" hand pump, ADT 936 has minimal maintenance required. The ADT 949 is an ideal comparison test pump for calibrating ultra-high pressure measuring instruments against test gauges, indicators or transducers in the laboratory.

Generate 90% vacuum to 37,500 psi (2500 bar) 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 in "trouble-maker" hand pump

### ■ Easy-to-use

With the patented screw press technology, the high pressure can be generated easily, increased and decreased smoothly

### ■ Extremely low leakage

Patented screw press technology, rather than "easy-to-leak" non-returning valve in hand pump.

## SPECIFICATIONS

### ■ Media

Oil

### ■ Generated Pressure Range

150 psi (10 bar) vacuum to 37,500 psi (2500 bar) positive pressure.

### ■ Material

Ram/adapters: SST;

Body: SST/aluminum;

Seals: Buna-N.

### ■ Connection

Test Gauge connection: M20x1.5 female.

Reference Gauge Connection: M20x1.5 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:

