

## OVERVIEW

The ADT 938 Hydraulic High Pressure Test Pump is specially designed for calibrating oil-free pressure measuring instruments in the range from 90% vacuum to 15,000 psi (1000 bar). All parts used in the pump are carefully cleaned to remove oil. The pump uses water as the media. 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 938 has minimal maintenance required. Two finger-tight connectors installed on the pump allow the user using fingers to connect and disconnect the reference gauge and devices under test quickly and easily without the need for PTFE tape or wrenches. The ADT 938 is an ideal comparison test pump for calibrating oil-free pressure measuring instruments against test gauges, indicators or transducers in the laboratory.

Generate 90% vacuum to 15,000 psi (1000 bar) pressure



- Minimal Maintenance
- Easy-to-use
- Three pressure ports
- Finger-tight connectors
- For oil-free pressure instruments

## FEATURES

- **High pressure**  
Generated pressure up to 15,000 psi (1000 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.
- **Finger-tight Connectors**  
Using your fingers to connect and disconnect gauges quickly and easily without the need for PTFE tape or wrenches

## SPECIFICATIONS

- **Media**  
Water
- **Generated Pressure Range**  
13.5 psi (0.9 bar) vacuum to 15,000 psi (1000 bar) positive pressure.
- **Material**  
Ram/adapters: SST;  
Body: SST/aluminum;  
Seals: Buna-N.
- **Connection**  
Finger-tight connectors for both test gauge and reference gauge.  
Test Gauge connection: 1/4" NPT female or BSP female.  
Reference Gauge Connection: 1/4" NPT female or BSP female.
- **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:**

