



-12.5 psi to 15,000 psi

## OVERVIEW

The ADT938 Hydraulic High Pressure Test Pump is specially designed for calibrating oil-free pressure measuring instruments in the range of -12.5psi (-0.85bar) to 15,000psi (1000 bar). All parts used in the pump have been carefully cleaned to remove oil. The pump uses water as the media. 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 the non-returning valve that is used on troublesome hand pumps, the ADT938 A requires minimal maintenance. Two hand-tight connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT938 is an ideal comparison test pump for calibrating oil-free pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

## FEATURES

- High Efficiency  
Generates 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 on troublesome hand pumps.
- Easy-to-use  
With the patented screw press technology, high pressures can be generated easily, increased and decreased smoothly

### ➤ Extremely low leakage

Patented screw press technology, instead of leaking, troublesome, non-returning hand pump.

### ➤ Hand-tight Connectors

Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

## APPLICATIONS

The ADT938 is specially designed for calibrating oil-free pressure measuring instrument in the range from 85% vacuum to 15,000 psi (1000 bar). It can be used in calibrating oil-free pressure gauges, transmitters, or other pressure measuring instruments in aerospace, pharmaceutical, or food industries.

## SPECIFICATIONS

### ➤ Media:

Deionized water

### ➤ Generated Pressure Range

-12.5 psi (-0.85bar) to 15,000 psi (1000 bar) pressure

### ➤ Material

Ram/adapters: SST

Body: SST/aluminum

Seals: Buna-N

### ➤ Connection

Hand-tight connectors for both test gauge and reference gauge

Test Gauge Connection: 1/4" NPT female

Reference Gauge Connection: 1/4" NPT female

### ➤ Dimensions

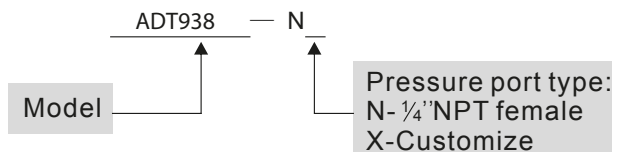
Height: 9.1" (230 mm)

Base: 20.5" (520 mm) x 14.2" (360 mm)

### ➤ Weight: 35.5 lb (16 kg)

## ORDERING INFORMATION

Model Number



Optional Accessories

Model Number	Description
9908	Carrying case for ADT938 pump and one gauge
103	Adapters & Fittings