

ADT 938 Hydraulic High Pressure Test Pump



OVERVIEW

The ADT 938 Hydraulic High Pressure Test Pump is specially designed for calibrating oil-free pressure measuring instruments in the range of -12.5psi (-0.85bar) to 15,000 psi (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. With no non-returning valve, the ADT 938 avoids the troublesome leakage issues that is usually experienced with hand pumps and allows for minimal maintenance. Two hand-tight quick connectors installed on the pump allow easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches. The ADT 938 is an ideal comparison test pump for calibrating oil-free pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

Generate 85% vacuum to 15,000psi (1,000bar) pressure



- Minimal maintenance
- Easy-to-use
- Three pressure ports
- Hand-tight quick connectors
- For oil-free pressure instruments

FEATURES

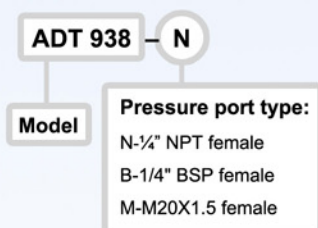
- **High Pressure**
Generates pressure up to 15,000 psi (1000 bar)
- **Durable and Minimal Maintenance**
Patented screw press technology, without non-returning valve inside that is usually used on troublesome hand pumps.
- **Easy-to-use**
With the patented screw press technology, high pressures can be generated easily, increased and decreased smoothly
- **Extremely Low Leakage**
Patented screw press technology, instead of leaking, troublesome, non-returning hand pump.
- **Hand-tight Quick Connectors**
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

SPECIFICATIONS

- **Media:** Deionized water
- **Generated Pressure Range**
12.5psi (0.85bar) vacuum to 15,000psi (1,000bar) positive 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, 1/4"BSP female, M20X1.5 female
Reference Gauge Connection: 1/4"NPT female, 1/4"BSP female, M20X1.5 female
- **Dimensions**
Height: 9.1" (230 mm)
Base: 20.5" (520 mm) x 14.2" (360 mm)
- **Weight:** 35.5 lb (16 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number



Accessories (included)

- O-ring 20 pc
- Manual 1 pc

Optional Accessories

Model number	Description
ADT 102	Adapters and fittings, 1/4"NPT male to various male and female connection (26 pc). More information shown on page 37.
ADT 103	Adapters and fittings, 1/4"NPT(1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pc). More information shown on page 37.
9908	Carrying case for ADT936, ADT938 or ADT949.
Adapters	Choose connection fittings listed on page 37.