

ADT-937

Hydraulic High Pressure Calibration Pump



- Generate 85% vacuum to 15,000 psi (1,000 bar) pressure
- Compatible to phosphoric acid ester fluid and Skydrol Oil
- Increase and decrease pressure smoothly
- Three pressure ports
- Hand-tight quick connectors



OVERVIEW

The ADT-937 Hydraulic High Pressure Calibration Pump is a hand operated pressure pump designed for calibrating pressure measuring instruments with phosphoric acid ester fluid and Skydrol oil in the range from 85% vacuum to 15,000 psi (1000 bar). 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 check valve (non-returning valve), the ADT-937 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-937 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

FEATURES

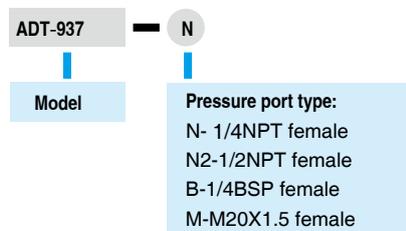
- **High Pressure**
Generates pressure up to 15,000 psi (1,000 bar)
- **Durable and Minimal Maintenance**
Patented screw press technology, with no check valve (non-returning valve) inside that is usually used on troublesome hand pumps causing leakage.
- **Easy-to-use**
High pressures can be generated easily, as well as increased and decreased smoothly.
- **Hand-tight Quick Connectors**
Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

SPECIFICATIONS

- **Media:** Oil, compatible to phosphoric acid ester fluid and Skydrol Oil
- **Pressure Range**
85% vacuum to 15,000 psi (1,000 bar) positive.
- **Material:** Ram/adapters: SS
Body: SS/aluminum
Seals: FKM
- **Connection**
Hand-tight connectors for both test gauge and reference gauge(s).
Test Gauge Connection: 1/4NPT female, 1/4BSP female, or M20X1.5 female
Reference Gauge Connection: 1/4NPT female, 1/4BSP female, or M20X1.5 female
- **Dimensions**
Height: 9.1" (230 mm)
Base: 20.5" (520 mm) x 14.2" (360 mm)
- **Weight:** 35.2 lb (16 kg).
- **Warranty:** 1 year

ORDERING INFORMATION

Model Number



Accessories included

O-ring: 20 pcs Manual: 1 pc

Optional Accessories

Model number	Description
ADT-102	Adapters and fittings, 1/4NPT male to various male and female connection (25 pcs). More information shown on page 53.
ADT-103	Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs). More information shown on page 54.
9908	Carrying case for ADT-936, ADT-937, ADT-938 or ADT-949.
ADT-937-MK	Maintenance kit for ADT-937 pump