

# Additel 937 Hydraulic High Pressure Calibration Pump



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



## OVERVIEW

The 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 (1000bar). 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 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 937 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

## FEATURES

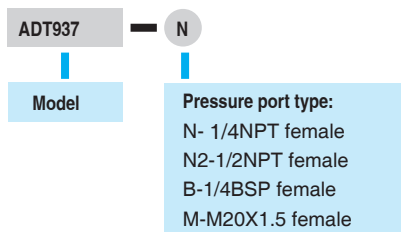
- **High Pressure**  
Generates pressure up to 15,000 psi (1,000 bar)
- **Durable and Minimal Maintenance**  
Patented screw press technology, with no check valve (non-returning valve) inside that is usually used on troublesome hand pumps causing leakage.
- **Easy-to-use**  
High pressures can be generated 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 (1,000bar) positive.
- **Material:** Ram/adapters: SST  
Body: SST/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



### Optional Accessories

Model numberel	Description
9201	Oil, Diethylhexyl Sebacate, 1 liter (1 quart)
ADT102	Adapters and fittings, 1/4NPT male to various male and female connection (26 pcs).
ADT103	Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs).
9908	Carrying case for 936, 937, 938 or 949.

### Accessories included

O-ring: 20 pcs      Manual: 1 pc

**Corporate Headquarters**  
22865 Savi Ranch Parkway Ste F  
Yorba Linda, CA 92887, USA

Phone: 714-998-6899  
Fax: 714-998-6999  
Email: sales@additel.com

**Salt Lake City Office**  
802 Bamberger Dr, Suite D  
American Fork, UT 84003, USA

Phone: 801-756-5570  
Fax: 714-998-6999  
Email: sales@additel.com