Additel 949
Hydraulic Ultra-high Pressure Test Pump

- Generate 85% vacuum to 40,000 psi (2,800 bar) pressure
- Minimal maintenance
- Easy-to-use
- Three pressure ports

OVERVIEW

The 949 Hydraulic Ultra-high Pressure Test Pump is a hand operated pressure pump designed to generate pressure up to 40,000 psi (2800 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 non-returning valve, the 949 avoids the troublesome leakage issues that is usually experienced with hand pumps and allows for minimal maintenance. The 949 is an ideal comparison test pump for calibrating ultra-high pressure measuring instruments such as test gauges, indicators or transducers in the laboratory.

FEATURES

- Generate Ultra-high Pressure
  Generate pressure up to 40,000 psi (2800 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, as well as increased and decreased smoothly.

- Extremely Low Leakage
  Patented screw press technology replaces troublesome, check valves (non-returning valve) found in most hand pumps which practically eliminates leakage.

SPECIFICATIONS

- Media: Oil
- Pressure Range
  85% vacuum to 40,000psi (2,800bar) positive pressure.
- Material
  Ram/adapters: SS
  Body: SS/aluminum
  Seals: Buna-N
- Connection
  Test Gauge Connection: Positional Autoclave F-250-C, 9/16" - 18 UNF female
  Reference Gauge Connection: Positional Autoclave F-250-C, 9/16" - 18 UNF female
  1/2BSP female and M20X1.5 female connections are available upon request.
- 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

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<thead>
<tr>
<th>Model Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>ADT949</td>
<td>AF</td>
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Model: Pressure port type:
- AF-Autoclave F-250-C female
- B-1/2BSP female
- X-Customize

- Accessory included
  Diethylhexyl Sebacate oil: 1 bottle (250 ml)
  Manual: 1 pc

- Optional Accessories

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<tr>
<th>Model number</th>
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<tr>
<td>9201</td>
<td>Oil, Diethylhexyl Sebacate, 1 liter (1 quart)</td>
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<tr>
<td>ADT104</td>
<td>Adapters and fittings, 1/4HP male to various male and female connectors (17 pcs). More information shown on page 55.</td>
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<td>9908</td>
<td>Carrying case for 936, 937, 938 or 949.</td>
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<tr>
<td>ADT949-MK</td>
<td>Maintenance kit for Additel 949 pump</td>
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