Additel 959
Hydraulic Ultra-high Pressure Test Pump

- Pressurize large-volume workload
- Generate pressure to 40,000 psi (2,800 bar)
- Increase and decrease pressure smoothly
- Three pressure ports

OVERVIEW

The new Additel 959 Hydraulic Pressure Test Pump is a benchtop pressure pump designed to generate pressure to 40,000 psi (2,800 bar). This pump incorporates a dual-piston system which is ideal for filling large volume workload with the hand pump and providing smooth increase and decrease of pressure with the high pressure, fine adjust screw press. The 959 test pump incorporates an isolation valve which isolates the calibration volume from the check valve associated with the hand pump. Because the check valve can often be a source of leaks and maintenance, the isolation valve provides more stable measurements and reduces potential maintenance of the pump. The Additel 946 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers.

FEATURES

- Generate Ultra-high Pressure
  Generate pressure up to 40,000 psi (2,800 bar)
- Hand pump to fill large volume systems
- Durable and Minimal Maintenance
  Isolation valve provides stable pressures while reducing maintenance on the hand pump check valve
- Easy-to-use
  40,000 psi (2,800 bar) can be generated easily with the dual-piston system

SPECIFICATIONS

- Media: Oil
- Pressure Range
  0 to 40,000psi (2,800bar) gauge pressure.
- Material
  Ram/adapter: SS
  Body: SS, aluminum, Copper
  Seals: Buna-N, PTFE, Copper Alloy, Aluminum Alloy
- Reservoir capacity: 420 ml (25.6 in³)
- Connection
  Test Gauge Connection: Autoclave F-250-C, 9/16” - 18 UNF female
  Reference Gauge Connection: Autoclave F-250-C, 9/16” - 18 UNF female
  1/2BSP female and M20X1.5 female connections are available upon request
- Dimensions: Height: 6.9” (175 mm)
  Base: 17.9” (455 mm) x 15.0” (380 mm)
- Weight: 28.7 lb (13 kg)
- Warranty: 1 year
- Piston volume
  Fine adjust piston: 1.5 ml (0.09 in³)

ORDERING INFORMATION

- Model Number
  ADT959 AF

  Model
  Pressure port type:
  AF-Autoclave F-250-C female
  B2-1/2BSP female
  X-Customize

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

- Optional Accessories

<table>
<thead>
<tr>
<th>Model number</th>
<th>Description</th>
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<tbody>
<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 63.</td>
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<td>ADT959-MK</td>
<td>Maintenance kit for Additel 959 pump</td>
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<tr>
<td>ADT100-959-HK</td>
<td>Hose Kit, External Reservoir Expansion Hose Kit for ADT959</td>
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