

# ADT 959A

## Hydraulic Ultra-High Pressure Calibration Pump



- **Pressurize large-volume workload**
- **Generate pressure 0 to 2800 bar (40,000 psi)**
- **Increase and decrease pressure smoothly**
- **Three pressure ports**

### Overview

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The new ADT 959A Hydraulic High Pressure Test Pump is a benchtop pressure pump designed to generate pressure up to 2800 bar (40,000 psi). 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 ADT 959A 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 source of leaks and maintenance, the isolation valve provides more stable measurements and reduces potential maintenance of the pump. The ADT 959A is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers.

### Features

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- **Generate ultra-high pressure**  
Generates pressure up to 2800 bar (40,000 psi)
- **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**  
2800 bar (40,000 psi) can be generated easily with the dual-piston system



## Specifications

<b>Media</b>	Oil
<b>Pressure Range</b>	0 to 2800 bar (40,000 psi) gauge pressure
<b>Material</b>	Ram/adapters: SS Body: SST/aluminum, Copper Seals: Buna-N
<b>Reservoir Capacity</b>	420 ml
<b>Connection</b>	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
<b>Dimensions</b>	Height: 175 mm Base: 455 mm x 380 mm
<b>Weight</b>	13 kg
<b>Warranty</b>	1 year
<b>Piston Volume</b>	Fine adjust piston: 1.5 ml

## Ordering Information

Model Number	ADT 959A - ...	
Pressure port type	<b>AF</b>	Autoclave F-150-C female
	<b>B2</b>	1/2BSP female
	<b>X</b>	Customize
	<b>M</b>	M20X1.5 female

## Accessories (included)

ADT 959A  
Diethylhexyl Sebacate oil: 1 bottle 250 ml  
Manual: 1 pc  
Carrying case (959A-X-SET models only)

## Optional accessories

Model number	Description
9201	Diethylhexyl Sebacate oil, 1 liter
ADT104	Adapters and fittings, 1/4HP male to various male and female connections (17 pcs)
ADT959A-MK	Maintenance kit for Additel 959A pump
ADT100-959A-HK	Hose Kit, External Reservoir Expansion Hose Kit for ADT959A
9910	Carrying case for Additel 946A, Additel 959A or Additel 960