Additel 960
Hydraulic Ultra-high Pressure Test Pump

Metrology Made Simple

- Pressurize large-volume workload
- Generate pressure to 60,000 psi (4,200 bar)
- Increase and decrease pressure smoothly
- Two pressure ports



OVERVIEW

The new Additel 960 Hydraulic Pressure Test Pump is a benchtop pressure pump designed to generate pressure to 60,000 psi (4,200 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 960 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 960 is an ideal comparison test pump for calibrating pressure measuring instruments such as test gauges, indicators or transducers.

FEATURES

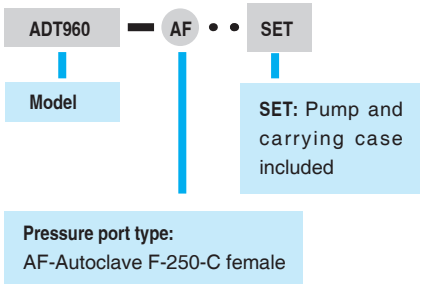
- **Generate Ultra-high Pressure**
  Generate pressure up to 60,000 psi (4,200 bar)
- **Hand pump to fill large volume systems**
- **Durable and Minimal Maintenance**
  Isolation valve provides stable pressures while reducing maintenance on the hand pump check valve
- **Easy-to-use**
  60,000 psi (4,200 bar) can be generated easily with the dual-piston system

SPECIFICATIONS

- **Media:** Diethylhexyl Sebacate
- **Pressure Range**
  0 to 60,000psi (4,200 bar) gauge pressure.
- **Material**
  Ram/adapters: SS
  Body: SS, aluminum, Copper
  Seals: Buna-N, PTFE, Copper Alloy, Aluminum Alloy
- **Reservoir capacity:** 420 ml (25.6 in^3)
- **Connection**
  Test Gauge Connection: Autoclave F-250-C female
  Reference Gauge Connection: Autoclave F-250-C female
- **Dimensions:** Height: 6.9" (175 mm)
  Base: 17.9" (455 mm) x 15.0" (380 mm)
- **Weight:** 33.1 lb (15 kg).
- **Volume Per Stroke:** 3.72 ml
- **Piston volume:** Fine adjust piston: 1.5 ml (0.09 in^3)
- **Warranty:** 1 year

ORDERING INFORMATION

- **Model Number**



- **Accessories included**
  Diethylhexyl Sebacate: 1 bottle (250 ml)
  Manual: 1 pc
  Carrying case (960-X-SET models only)
- **Optional Accessories**

Model number	*Description*
9201	Diethylhexyl Sebacate, 1 liter (1 quart)
ADT960-MK	Maintenance kit for Additel 960 pump
ADT100-960-HK	Hose Kit, External Reservoir Expansion Hose Kit for ADT960
9910	Carrying case for Additel 946A, Additel 959A or Additel 960

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