Additel 919A
High Pressure Test Pump

- Generate 95% vacuum to 2,000 psi (140 bar) pressure
- Generate 2,000 psi (140 bar) in 30 seconds
- Minimal maintenance
- Hand-tight quick connectors
- First one in the world

OVERVIEW

The 919A High Pressure Test Pump is a hand operated pressure pump designed to generate pressure from 95% vacuum to 2,000psi (140bar). With a long lever, it just takes 30 seconds to reach 2,000 psi (140 bar). A high-quality screw press is designed for fine pressure adjustment, with an adjustment resolution up to 0.001 psi (10 Pa, 0.1 mbar). A specially designed shut-off valve makes the pressure as stable as possible during calibration. A built-in gas-liquid isolator protects the pump from moisture and dirt to reduce the need for maintenance. The residual liquid in the pump introduced from the devices under test will be collected and then pushed out during pressure release. 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 919A is an ideal comparison test pump for pressure instruments calibration.

FEATURES

- High Efficiency
  Generate 2,000 psi (140 bar) in 30 seconds.
- Adjustment Resolution
  0.001 psi (10 Pa, 0.1 mbar).
- Great Stability
  A specially designed shut-off valve makes the pressure as stable as possible during calibration.
- Durable and Minimal Maintenance
  Built-in gas-liquid isolator protects the pump from moisture and dirt.
  The residual liquid in the pump introduced from devices under test will be collected and then pushed out during pressure release.
  Anticorrosive and wear resistant material are used to improve the reliability further.
- Hand-tight Quick Connectors
  Allows easy connecting and disconnecting to the test pump without the need for PTFE tape or wrenches.

SPECIFICATIONS

- Media: Air.
- Generated Pressure Range: 95% vacuum to 2,000 psi (140 bar) positive pressure
- Adjustment Resolution: 10 Pa (0.1 mbar/0.0015 psi)
- Material:
  Ram/adapters: SST
  Body: SST/aluminum
  Seals: Buna-N
- Connection
  Hand-tight connectors for both test gauge and reference gauge.
  Test Gauge Connection: 1/4NPT female, 1/2NPT female, 1/4BSP female, or M20X1.5 female
  Reference Gauge Connection: 1/4NPT female, 1/2NPT female, 1/4BSP female, or M20X1.5 female
- Dimensions:
  Height: 7.00" (178 mm);
  Base: 21.26' (540 mm) x 10.63" (270 mm).
- Weight: 14.3 lb (6.5 kg).
- Warranty: 1 year

ORDERING INFORMATION

- Model Number
  ADT919A
  N

- Optional Accessories
  ADT102
  Adapters and fittings, 1/4NPT male to various male and female connection (20 pcs).
  ADT103
  Adapters and fittings, 1/4NPT (1/4BSP, or M20X1.5) male to various female hand-tight quick connectors (10 pcs).
  ADT100-HTK
  Hose test kit, 5 feet flexible hose, 8000 psi, 1/4NPT male to 1/4NPT male hand-tight quick connector.
  9909-919A
  Carrying Case for one 919A pump and two 681 gauges or 672 calibrators

- Accessories included
  O-ring: 20 pcs
  Manual: 1 pc

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