

35 Vantage Point Drive // Rochester, NY 14624 // Call 1.800.800.5001

POV Series Hand Operated Vacuum/Pressure Pumps



Model DPOV-VK Vacuum Pump

Range: 0-23 inHg Vacuum

Model DPOV-PK Pressure Pump (Pneumatic)

Range: 0-60 psi

The DPOV is a rugged, lightweight pump available in both vacuum (-VK) and pressure (-PK) configurations.

Includes:

- Vernier control for fine adjustment
- (2) hoses; 3 ft. length with 1/2-20 UNF "finger tight" quick release ends
- (2) adapters with 1/8 NPT male termination
- Convertible to pressure or vacuum generation by changing check valve



Model APOV-PK Medium Pressure Pump (Pneumatic)

Range: 0-220 psi

The APOV is a portable, lightweight pressure source ideal for laboratory or field pressure calibration applications.

Includes:

- Vernier control for fine adjustment
- (2) hoses; 3 ft. length with 1/2-20 UNF "finger tight" quick release ends
- (2) adapters with 1/8 NPT male termination



POV Series Accessories

Check Valves

- 840X008-02: Check Valve, converts DPOV-VK to DPOV-PK
- 840X008-01: Check Valve, converts DPOV-PK to DPOV-VK

Additional Hoses

- 840X007-01: 3 foot hose with 1/2-20 UNF quick release ends
- 840X007-02: 5 foot hose with 1/2-20 UNF quick release ends

Hose Fitting Adapters

- 840X006-01: 1/8 NPT Male
- 840X006-02: 1/4 NPT Male
- 840X006-03: 1/8 NPT Female
- 840X006-04: 1/4 NPT Female
- 840X006-05: 1/4 tube fitting
- 856X034-01: Fittings Kit (1 of each)

Additional Plumbing Accessories Kit for use with all Models (except HTP1)

- 856X027-01 includes:
- (2) 1/8 NPT Male x 1/8" barb
 - (1) 1/8 NPT Male x 1/8" barbed tee
 - (1) 1/8 NPT Male x 1/8 NPT Female tee
 - (2) 1/8 NPT Male x 1/4 NPT Female
 - (2) 1/8 NPT Male x 1/8 NPT Male

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TP Series Hand Operated Vacuum/Pressure Pumps



Model LTP1 Vacuum to Low Pressure Pump (Pneumatic)

Range: 24 in.Hg vac. to 30 psi pressure

The LPT1 offers all-metal construction with an isolated handle (to minimize temperature affect) for superior stability at low pressures down to 1 inch H₂O.

Includes:

- Vernier control for fine adjustment
- Pressure/vacuum selector
- (2) hoses; 1 meter length
- (2) adapters with 1/8 NPT male
- (1) adapter with 1/4 NPT male

Optional Carrying Case
(P/N 864X075-01)

- Plastic case
- Die cut foam insert

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Model TP1-40 Vacuum to Medium Pressure Pump (Pneumatic)

Range: 29 In Hg Vacuum to 365 psi pressure
(normal use); 600 psi (maximum effort)

The TP1-40 combines the ability to generate both high vacuum levels and high pneumatic pressure in a single, rugged, field worthy pump.

Includes:

- Vernier control for fine adjustment
- Pressure/vacuum selector
- (1) hose; 1 meter length, w/ 1/4 NPT female termination
- 1/4 NPT swivel (top port) for connection of test device

Optional "Second Hose" Kit

Includes:

- "Quick Fit" adapter for top of pump (replaces swivel)
- (1) hose with "Quick Fit" connection (pump side) and 1/4 NPT female termination
- Set of adapters:
 - (2) 1/4 NPT male x 1/8 NPT male
 - (1) 1/4 NPT male x 1/4 NPT male

Optional Carrying Case:
(P/N 864X076-01)

- Plastic Case
- Die Cut Foam insert



Model HTP1 High Pressure Pump (Hydraulic)

Range: 0-10,000 psi

The HTP1 offers solid construction for safe and easy high pressure generation. The optional hose kit maximizes convenience and utility while serving to limit instability due to adiabatic heating.

Includes:

- Vernier control for fine adjustment
- Operates with water or oil
- (2) 1/4 NPT hose ports

Optional Hose Kit (P/N 840X014-01)

Includes:

- (2) heavy duty, flexible hoses, 1 meter length
- Quick connect, self sealing hose ends
- (2) adapters with 1/8 NPT male
- (1) adapter with 1/4 NPT male

Optional Carrying Case
(P/N 864X077-01)

- Plastic case
- Die cut foam insert