



P300 SERIES

PORTABLE HYDROSTATIC TESTER



MODEL P300-SM (STANDARD MODEL) SHOWN IN PHOTO

- FEATURES:**
- **HEAVY DUTY ROLL FRAME:** Powder coated square tubular frame on wheels for easy transport.
 - **PANEL MOUNTED CONTROLS:** 4" dial gauges, pump regulator and valves all panel mounted.
 - **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
 - **REAR MOUNTED PORTS:** Air supply, water supply, drain port and test ports all mounted in the lower rear section for easy hook ups.

PUMP TYPE AND PRESSURE RANGES	Air-driven piston pump, 0-1,000, 0-1850, 0-3,000, 0-4,500, 0-6000, & 0-10K, 0-15K, 0-20K & 0-30K PSI
HYDROSTATIC PRESSURE GAUGE	Dual 4" dial gauges, all stainless steel, glycerin filled 0.5% accuracy, full scale. Calibration certs optional.
AIR CONTROL SYSTEM	3/8" 50-micron filter, pump regulator and lubricator (micro-fog.)
RELIEF VALVES (OPTIONAL)	Relief Valves, 1/4" with quick disconnects, 50-350, 350-750, 750-1500, 1500-2250, 2250-3,000, 3,000-4,000, 4,000-5000, 5,000-6,000
HYDROSTATIC HOSE (OPTIONAL)	3/8" Hose x 10 feet long, with high pressure quick disconnect x 3/8" MPT on one end.
DIMENSIONS & WEIGHT (-SM)	15 " L x 15" W x 36" H, 87 lbs.



P300VR-SS & P300VR-PR-HP



MODEL P300-VR-SS ALL STAINLESS STEEL VERSION WITH SS TANK.

FEATURES:

- **HEAVY DUTY ROLL FRAME:** All stainless steel frame
- **PANEL MOUNTED CONTROLS:** 4" dial gauges, pump regulator and valves all panel mounted.
- **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **SS RESERVOIR:** 5 gallon reservoir with fill and vent cap, sight gauge and drain port.
- All stainless steel tubing & fittings



MODEL P300-VR-PR -HP SHOWN ABOVE FOR HIGH PRESSURE MODELS

FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated square tubular frame on wheels for easy transport.
- **PANEL MOUNTED CONTROLS:** 4" dial gauges, pump regulator and valves all panel mounted.
- **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **SS RESERVOIR:** 5 gallon reservoir with fill and vent cap, sight gauge and drain port.
- 8" chart recorder, battery drive, 0-3000 PSI up to 0-30,000 PSI models

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P300VR & P300 PR



MODEL P300-VR(RESERVOIR MODEL) SHOWN ABOVE

FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated square tubular frame on wheels for easy transport.
- **PANEL MOUNTED CONTROLS:** 4" dial gauges, pump regulator and valves all panel mounted.
- **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **SS RESERVOIR:** 5 gallon reservoir with fill and vent cap, sight gauge and drain port.



MODEL P300-PR (CHART RECORDER MODEL) SHOWN ON ABOVE.

FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated square tubular frame on wheels for easy transport.
- **PANEL MOUNTED CONTROLS:** 4" dial gauges, pump regulator and valves all panel mounted.
- **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **CHART RECORDER:** 8" circular chart, battery operated, adjustable chart drive FROM 0-1000 UP TO 30,000 psi

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P300VR –PR & P300 DP-VR



**MODEL P300-VR-PR SHOWN
ABOVE**

FEATURES:

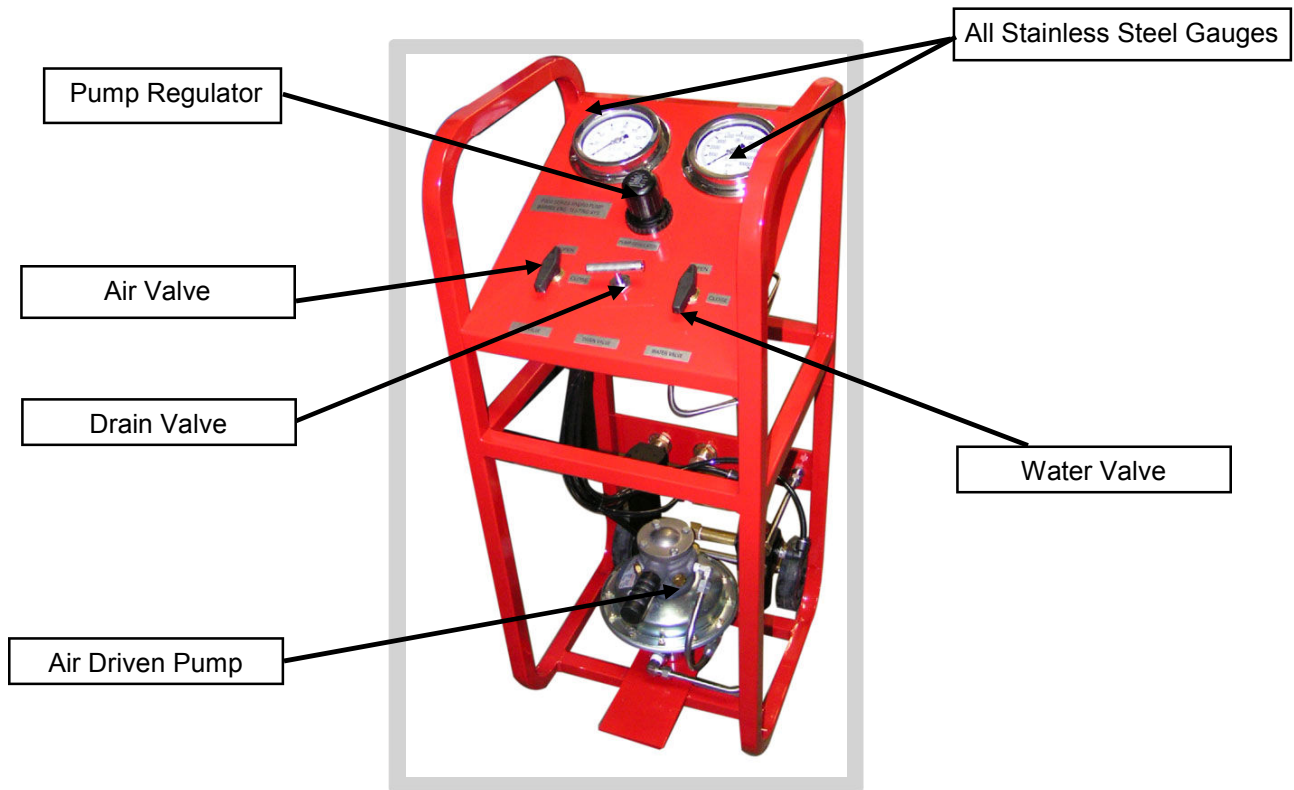
- **HEAVY DUTY ROLL FRAME:** Powder coated white square tubular frame on wheels for easy transport.
- **PANEL MOUNTED CONTROLS:** 6" dial gauge, pump regulator and valves all panel mounted.
- **AIR-DRIVEN PISTON PUMP:** lubricated, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **SS RESERVOIR:** 30 gallon reservoir with fill and vent cap, sight gauge and drain port.
- **CHART RECORDER:** 8" circular chart adjustable drive up to 30,000 PSI



**MODEL P300- DP-VR(DUAL
PUMP MODEL) SHOWN ABOVE**

FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated black ridge, square tubular frame on wheels for easy transport.
- **PANEL MOUNTED CONTROLS:** 6" dial gauges, pump regulator and valves all panel mounted.
- **DUAL PUMP SET UP:** Low pressure fill pump 5 GPM, & high pressure hydro pump up to 10,000 PSI.
- **SS RESERVOIR:** 20 gallon reservoir with fill and vent cap, sight gauge and drain port.
- **VALVES:** Panel mounted large orifice ball valves for greater flows.



PUMP FLOW CHARTS (CU.IN/MIN.)

RATIO	PRESSURE RANGE	FREE FLOW	@ 1000 PSI	@ 2000 PSI	@ 3000 PSI	@ 5000 PSI	@ 10,000 PSI
10:1	1000 PSI	485	320				
20:1	2000 PSI	485	320	150			
30:1	3000 PSI	332	236	174	42		
35:1	4500 PSI	297	200	164	122		
60:1	6000 PSI	213	170	140	107	60	
100:1	8800 PSI	172	126	111	98	76	
125:1	10,000 PSI	78	72	66	60	53	38

* BASED ON 100 PSI SHOP AIR, 25 SCFM FLOW.

HOSE ASSEMBLIES

3V05-120: 10 FT. HOSE ASSY, 5000 PSI WITH QUICK DISCONNECT ONE END, MPT ON OTHER END.

3V10-120: 10 FT. HOSE ASSY. 10,000 PSI WITH QUICK DISCONNECT X MPT.

3V30-120: 10 FT. HOSE ASSY. 1/4" HP TUBE, CONED & THREADED WITH NUT ON EACH END, 30,000 PSI.



QUICK DISCONNECTS

PHN4-4F: MALE PLUG, 1/4" FPT, PLATED STEEL

PHN6-6F: MALE PLUG, 3/8" FPT, PLATED STEEL

PHC4-4F: FEMALE SOCKET, 1/4" FPT PLATED STEEL

PHC6-6F: FEMALE SOCKET, 3/8" FPT PLATED STEEL

RELIEF VALVES



R3A-SS-A : 1/4" MPT ANGLE SS RV 50-350 PSI

R3A-SS-B: 1/4" MPT ANGLE SS RV 350-750 PSI

R3A-SS-C: 1/4" MPT ANGLE SS RV 750-1500 PSI

R3A-SS-D: 1/4" MPT ANGLE SS RV 1500-2250PSI

R3A-SS-E: 1/4" MPT ANGLE SS RV 2250-3000 PSI

R3A-SS-F: 1/4" MPT ANGLE SS RV 3000-4000 PSI

R3A-SS-G: 1/4" MPT ANGLE SS RV 4000-5000 PSI

R3A-SS-H: 1/4" MPT ANGLE SS RV 5000-6000 PSI

HIP-10RV: 1/4" FPT STRAIGHT RV 1000-10,000 PSI

PRESSURE GAUGES



- TGM-1:** 4" DIAL ALL SS , GF, 1/4" LM 0-1000 PSI
- TGM-2:** 4" DIAL ALL SS, GF, 1/4" LM 0-2000 PSI
- TGM-3:** 4" DIAL ALL SS, GF, 1/4" LM 0-3000 PSI
- TGM-5:** 4" DIAL ALL SS, GF, 1/4" LM 0-5000 PSI
- TGM-6:** 4" DIAL ALL SS, GF, 1/4" LM 0-6000 PSI
- TGM-10:** 4" DIAL ALL SS, GF, 1/4" LM 0-10,000 PSI
- TGM-15:** 4" DIAL ALL SS GF, 1/4" HP 0-15,000 PSI
- TGM-20:** 4" DIAL ALL SS, GF, 1/4" HP 0-20,000 PSI
- TGM-30:** 4" DIAL ALL SS, GF, 1/4" HP 0-30,000 PSI

TO ORDER PANEL MOUNTED GAUGES ADD -PM TO THE END OF THE PART NUMBER: EXAMPLE: TGM-1-PM : 4" DIAL, ALL SS, GF, PANEL MOUNTED 0-1000 PSI



PRESSURE CHART RECORDERS

PR-8: 8" DIAL CHARTS, BATTERY DRIVE, ADJUSTABLE SPEED AVAILABLE IN THESE PRESSURE RANGES:

- 0-1000, 0-3000, 0-5,000 ,0-10,000 (1/4" NPT PORTS)
- 0-15K, 0-20K & 0-30K (1/4" HIGH PRESSURE PORTS)
- ALSO AVAILABLE IN DUAL PRESSURE CONFIGURATION WITH DUAL PENS.



PRESSURE RECORDER CHARTS & PENS

CHARTS: SOLD IN BOX QUANTITIES, 25 PER BOX. SPECIFY PRESSURE RANGE REQUIRED.

PENS: AVAILABLE IN BLUE OR RED, 5 PER BOX.

HIGH PRESSURE ADAPTERS

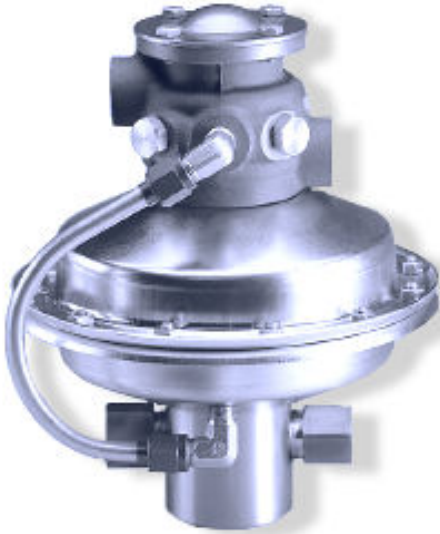


HPM-4M: HIGH PRESSURE MALE X 1/4" MPT, 10,000 PSI RATED.



HPM-4F: HIGH PRESSURE MALE X 1/4" FPT, 10,000 PSI RATED.

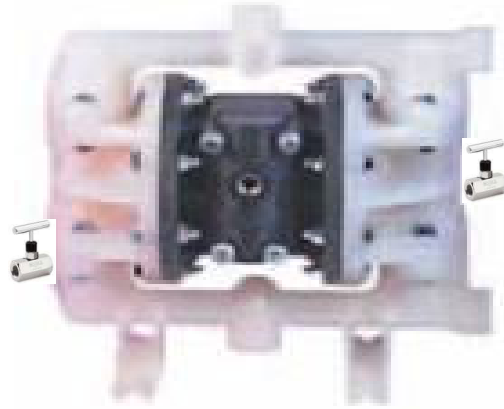
AIR DRIVEN PUMPS



- S216J-10:** 0-1000 PSI REPAIR KIT# 90680-11
- S216J20:** 0-2000 PSI REPAIR KIT# 90680-21
- S216J30:** 0-3000 PSI REPAIR KIT# 90680-31
- S216J35:** 0-4500 PSI REPAIR KIT# 90680-41
- S216J60:** 0-6000 PSI REPAIR KIT # 90680-51
- S216J100:** 0-8800 PSI REPAIR KIT# 90680-61
- S216JN101:** 0-10,000 PSI REPAIR KIT #90680-01
- S216JB150:** 0-15,000 PSI REPAIR KIT# 90680-71
- S216JB200 :** 0-20,000 PSI REPAIR KIT# 90680-81
- S216JB300:** 0-30,000 PSI REPAIR KIT # 90680-



NC-025 : 1/4" NPT INLET & OUT
LET 4.3 GPM FLOW, MAXIMUM
PRESSURE 100 PSI



PB-05 : 1/2" NPT INLET & OUT-
LET 17 GPM FLOW, MAXIMUM
PRESSURE 100 PSI



NEEDLE VALVES

402-FFS-HL2: 1/4" NPT, STAINLESS
STEEL, 10,000 PSI

402-FFS-PLM: 1/4" NPT, STAINLESS
STEEL 10,000 PSI, PANEL MOUNT