



P500 SERIES

PORTABLE HYDROSTATIC TESTER

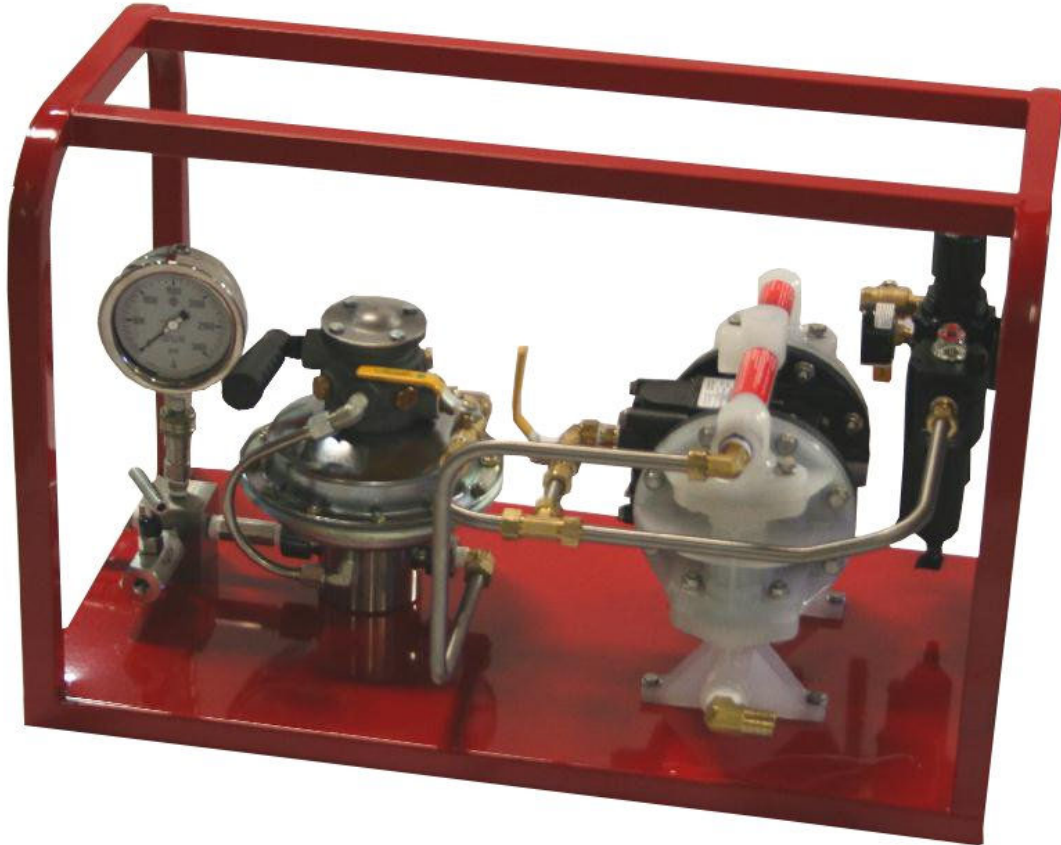


MODEL P500-SM (STANDARD MODEL) SHOWN IN PHOTO

FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated square tubular frame for easy transport.
- **DUAL GAUGE MANIFOLD:** 4" dial gauges with extra port for relief valves
- **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.
- Air filter, pump lubricator, air shut off and drain valve included.
- **DUAL PUMP SET UP:** Combination of 2 pumps with identical or different ratios

PUMP TYPE & 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
PRESSURE GAUGE	Dual 4" dial gauges, all stainless steel, glycerin filled 0.5% accuracy, full scale.
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, 2250-3K, 3K-4K, 4K-5K, 5K-6K PSI
TEST HOSE (OPTIONAL)	3/8" Hose x 10 feet long, with high pressure quick disconnect x 3/8" MPT on one end.
DIMENSION & WEIGHT	23" L x 15" W x 15" H, 90lbs.



FEATURES:

- **HEAVY DUTY ROLL FRAME:** Powder coated.
- **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.
- **LOW PRESSURE FILL PUMP:** 14 GPM air driven pump used to pre-fill components before increasing to high pressures. Can also be used for low pressure testing from 0-100 PSI.
- **SS GAUGE:** 4" dial all stainless steel glycerin filled
- **All stainless steel tubing & fittings**
- **PRESSURE RANGES:** 0-1,000 PSI up to 0-10,000 PSI combination.
- **Can take suction from city water or external storage tank.**
- **ORDERING INFORMATION:** Specify maximum test pressure required for high pressure pump ratios.
- **Optional hydrostatic test hoses see Accessories Section.**

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FHT SERIES "FIRE HOSE TESTER"



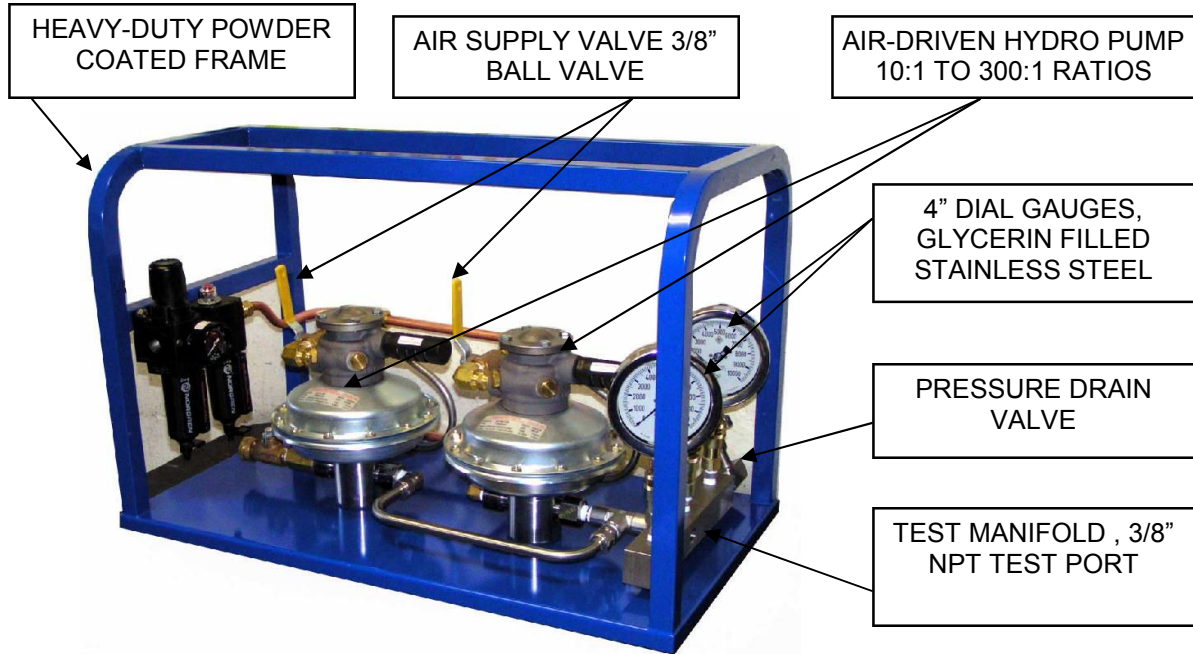
FEATURES: " FIRE HOSE TESTER"

- **HEAVY DUTY ROLL FRAME:** powder coated square tubular frame, or optional stainless steel frame shown in photo.
- **AIR-DRIVEN PISTON PUMP:** double acting, adjustable discharge pressure, automatically stalls at pre-set pressure, re-starts when pressure drop occurs, can be used in explosive environments.
- **PRESSURE RANGE:** 500 PSI, 5.5 GPM FLOW
- **TEST PORTS:** 4 each with 1 1/2" male fire hose connection.
- **2 1/2" dial stainless steel gauge, glycerin filled, 0-600 PSI**



P500-SM

PORTABLE HYDROSTATIC TESTER



PUMP FLOW CHARTS (CU.IN./MIN.)*

RATIO	PRESSURE	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, PER SINGLE PUMP

HOSE ASSEMBLIES

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

MP-F04: MALE PLUG, 1/4" FPT, PLATED STEEL

MP-F06: MALE PLUG, 3/8" FPT, PLATED STEEL

FS-F04: FEMALE SOCKET, 1/4" FPT PLATED STEEL

FS-F06: FEMALE SOCKET, 3/8" FPT PLATED STEEL

RELIEF VALVES



RV5-A : 1/4" MPT ANGLE SS RV 50-350 PSI

RV5-B: 1/4" MPT ANGLE SS RV 350-750 PSI

RV5-C: 1/4" MPT ANGLE SS RV 750-1500 PSI

RV5-D: 1/4" MPT ANGLE SS RV 1500-2250PSI

RV5-E:1/4"MPT ANGLE SS RV 2250-3000 PSI

RV5-F: 1/4" MPT ANGLE SS RV 3000-4000 PSI

RV5-G: 1/4" MPT ANGLE SS RV 4000-5000 PSI

RV5-H: 1/4" MPT ANGLE SS RV 5000-6000 PSI

RV005-1: 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

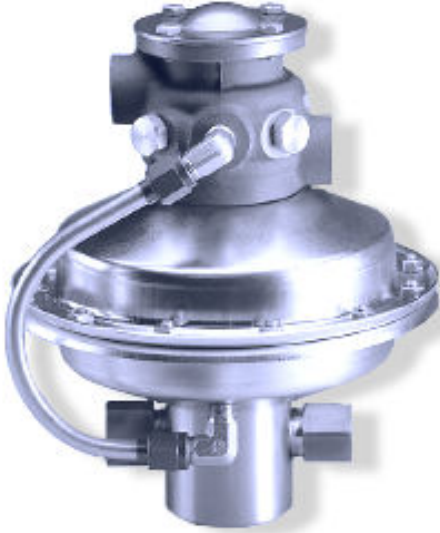


HPM-4M: HIGH PRESSURE MALE X 1/4" MPT, 10,000 PSI RATED.



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

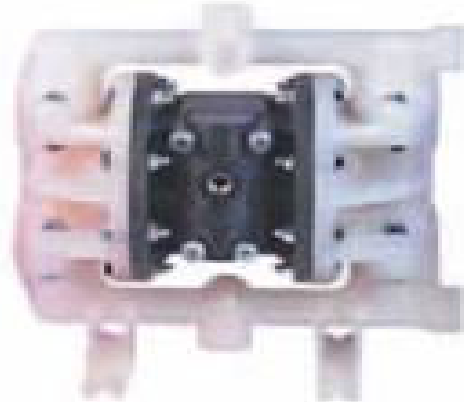
AIR DRIVEN PUMPS



- S216J10:** 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
- S216JB00 :** 0-20,000 PSI REPAIR KIT# 90680-81
- S216JB300:** 0-30,000 PSI REPAIR KIT # 90680-91



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



NC-025 : 1/4" NPT INLET & OUT
LET 4.3 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