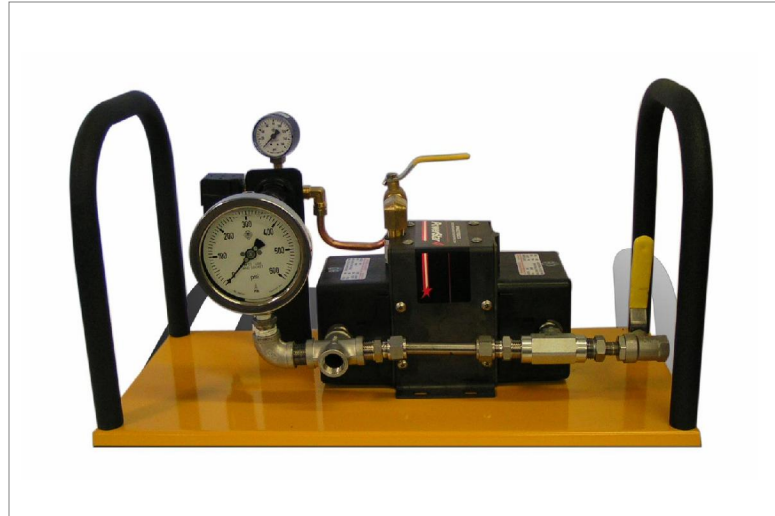


### FEATURES

- **BENCH MOUNT:** Standard model with base plate and side hoops. Quick disconnect for pressure gauge.
- **AIR-DRIVEN PISTON PUMP:** Non-lubricated air-driven pump suitable for explosive environments, pump adjustable entire range, automatically stalls at pre-set pressure, starts when pressure drops below set pressure, enabling the pump to be left unattended. Double ended pump has 60 % more flows than the standard single ended PS-

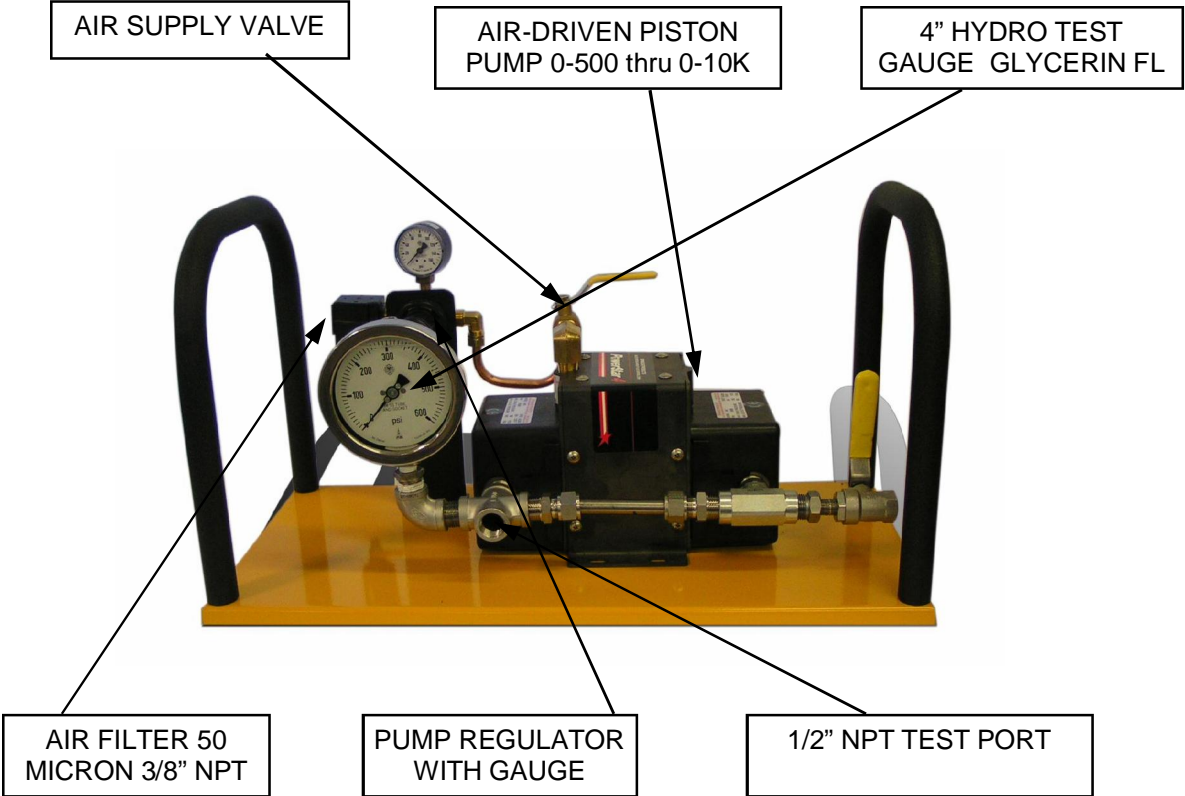


### SPECIFICATIONS

<b>PUMP TYPE AND PRESSURE RANGES</b>	Air-driven piston pump, 0-500, 0-1,000, 0-1850, 0-3,000,0-4,500, 0-6000, & 0-10,000.
<b>HYDROSTATIC PRESSURE GAUGE</b>	4" dial all stainless steel, glycerin-filled, 0.5% accuracy, full scale, quick disconnects.
<b>AIR CONTROL SYSTEM</b>	3/8" Air inlet port with I ball valve, filter,regulator with gauge, 50 micron filter, pump lubricator.
<b>DISCHARGE PRESSURE MANIFOLD</b>	Stainless manifold, 3/8" NPT outlet port, 1/4" stainless steel drain valve. 3/4" GH pump inlet
<b>RELIEF VALVES (OPTIONAL)</b>	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
<b>HYDROSTATIC HOSE (OPTIONAL)</b>	3/8" Hose x 10 feet long, with high pressure quick disconnect x 3/8" MPT on one end.
<b>DIMENSIONS &amp; WEIGHT</b>	23" L x 12" W x 12" H, 55 lbs.

**ORDERING INFORMATION:** Specify pump range, i.e. P100-SM Series, 0-3,000 PSI. Specify Relief Valve range, i.e. 2250-3,000 PSI. Hoses optional, standard 10 ft. lengths, longer hoses available, consult factory. Special gauge calibration with certification available.

# PS100-DE SPECIFICATIONS



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

RATIO	RANGE (PSI)	FREE FLOW	@ 500 PSI	@ 1000 PSI	@ 3000 PSI	@ 5000 PSI	@ 10,000 PSI
5:1	500 PSI	1663					
10:1	1000 PSI	1120	640				
21:1	2000 PSI	680	400	288			
34:1	3000 PSI	384	40	280	40		
64:1	6000 PSI	256	200	160	96	60	
114:1	10,000 PSI	71	61	58	48	29	16

- BASED ON 100 PSI SHOP AIR, 25 SCFM FLOW.
- NOTE: 1 GAL. = 231 CU.IN. DIVIDE CU.IN./MIN BY 231 TO GET GPM.