

▼ Shown from left to right: 11-100, P2282



- Two-speed operation on the P2282 allows for faster fill, reducing cycle times for many testing applications
- 303 Stainless steel construction on the 11-100 and 11-400 models enable use with many different fluids, such as distilled water, alcohol, diesters, silicones, soluble oils and petroleum
- Large release knob for improved control of pressure release
- Outlet ports are 3/4"-16 cone for 40,000 psi rating

Ultra-High Pressure up to 40,000 psi



2-Way Shut-Off Valve 72-750

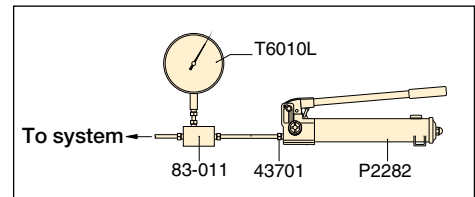
For 40,000 psi applications requiring a shut-off valve or gauge snubber. Made of 318 Stainless Steel and utilizing 0.38-inch cone fittings, it is the perfect selection for use with your Ultra-High Pressure Hand Pump.



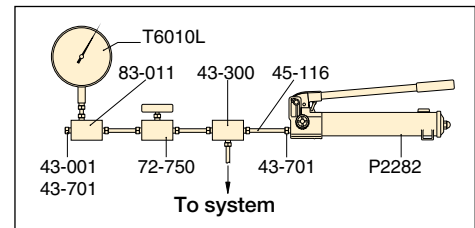
Test System Gauges

Ideal for monitoring pressure in your hydraulic circuit, Test System Gauges, such as the T6010L, are available with cone threads or NPTF threads and in a variety of pressure ranges.

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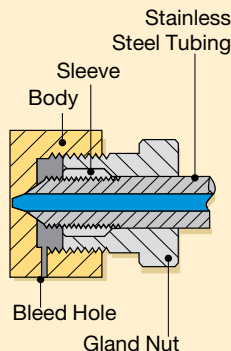
▲ Typical Test System



▲ Test System with Gauge and Snubber

Cone Seal

Stainless Steel High Pressure fittings seal on a "cone" surface and do not require pipe sealer. The Gland Nut holds the sleeve and tubing tight against the cone surface to provide a 40,000 psi seal.



Pump Type	Usable Oil Capacity (in ³)	Model Number	Pressure Rating* (psi)		Oil Displacement per Stroke (in ³)		Max. Handle Effort (lbs)
			1st stage	2nd stage	1st stage	2nd stage	
Two-speed	60	P2282	200	40,000	0.99	0.037	106
Single-speed	45	11-100	N/C	10,000	N/C	0.152	120
	45	11-400	N/C	40,000	N/C	0.038	120

* Contact Enerpac for applications where operating pressure is less than 10% of pressure rating.

Ultra High-Pressure Hand Pumps

▼ Optional Ultra-High Pressure Fittings and Tubing

Description	Connection	Model No.
40,000 psi		
Gland Nut Plug	0.38" cone	43-001
Elbow	0.38" cone	43-200
Tee	0.38" cone	43-300
Gauge Tee	0.38" cone side/ 0.25" cone gauge port	43-301
Gauge Adaptor	0.38" cone side/ 0.25" cone gauge port	83-011
Coupling	0.38" cone	43-400
Cross	0.38" cone	43-600
Gland Nut with Sleeve	0.38" cone	43-701
Gauge Connector	0.25" cone	43-704
Tubing	4" tube, O.D. 0.38" * 8" tube, O.D. 0.38" * 12" tube, O.D. 0.38" *	45-116 45-126 45-136
 WARNING: Maximum working pressure: 10,000 psi only		
Adaptor	0.38" F cone to 1/4" M NPTF 0.38" F cone to 3/8" M NPTF	41-146 41-166
Adaptor	0.38" F cone to 1/4" F NPTF 0.38" F cone to 3/8" F NPTF	41-246 41-266
Adaptor	0.38" M cone to 3/8" F NPTF	41-366

Note: 0.25" cone fittings use 9/16"-18 threads, 3/8" cone fittings use 3/4"-16 threads.

* Actual tubing lengths are 0.75" less than nominal size shown. These dimensions make distance between centers of valves and fittings multiples of 4" spaces.

P/11 Series



Reservoir Capacity:

45 - 60 in³

Flow at Rated Pressure:

0.037 - 0.152 in³/stroke

Maximum Operating Pressure:

10,000 - 40,000 psi



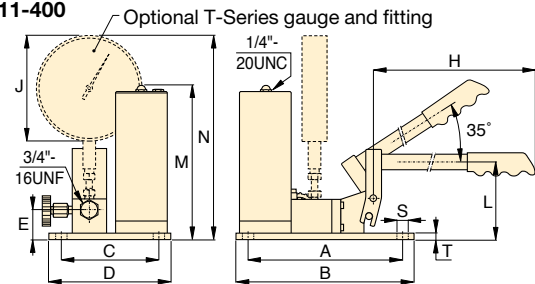
Ultra-High Pressure pumps DO NOT have an internal safety pressure relief valve.



Stainless Steel Construction

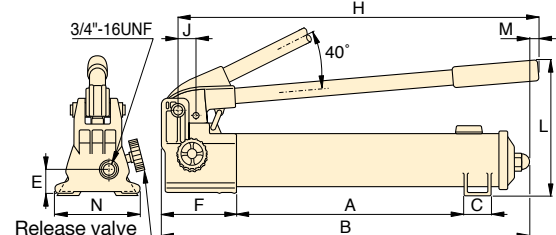
Ultra-high pressure fittings feature all stainless-steel construction except adaptor 41-366, which features nickel plated carbon steel construction.

11-100*, 11-400



*NOTE: Maximum operating pressure for model 11-100 is 10,000 psi.

P2282



Piston Stroke	Dimensions (in)														Weight (lbs)	Model Number
	(in)	A	B	C	D	E	F	H	J	L	M	N	S	T		
1.00	13.56	22.00	1.40	-	1.24	5.25	20.75	1.16	9.00	0.28	4.74	-	-	14	P2282	
0.78	9.45	10.50	5.98	7.00	1.77	-	25.00	6.41	4.50	9.33	12.38	0.31	0.37	22	11-100	
0.78	9.45	10.50	5.98	7.00	1.77	-	25.00	6.41	4.50	9.33	12.38	0.31	0.37	22	11-400	