

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



## 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.

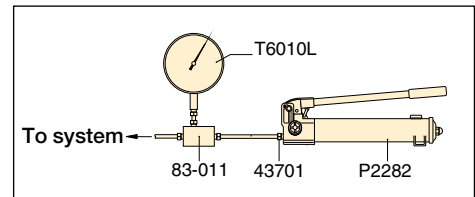


### Test System Gauges

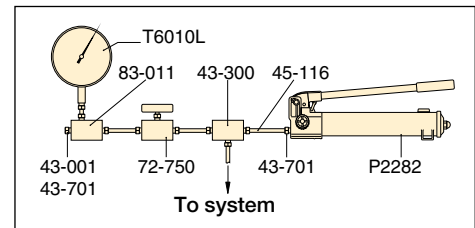
Ideal for monitoring pressure in your hydraulic circuit, Test System Gauges, such as the T6010L, are available with cone threads or NPTF threads and in a variety of pressure ranges.

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- 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



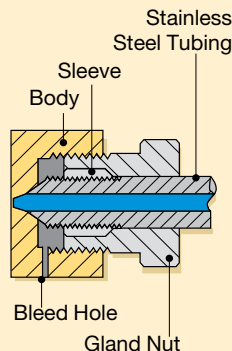
▲ Typical Test System



▲ 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 <sup>3</sup> )	Model Number	Pressure Rating* (psi)		Oil Displacement per Stroke (in <sup>3</sup> )		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.
<b>40,000 psi</b>		
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
 <b>WARNING: Maximum working pressure: 10,000 psi only</b>		
Adaptor	0.38" F cone to 1/4" M NPTF	41-146
	0.38" F cone to 3/8" M NPTF	41-166
Adaptor	0.38" F cone to 1/4" F NPTF	41-246
	0.38" F cone to 3/8" F NPTF	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 in<sup>3</sup>**

Flow at Rated Pressure:

**0.037 - 0.152 in<sup>3</sup>/stroke**

Maximum Operating Pressure:

**10,000 - 40,000 psi**



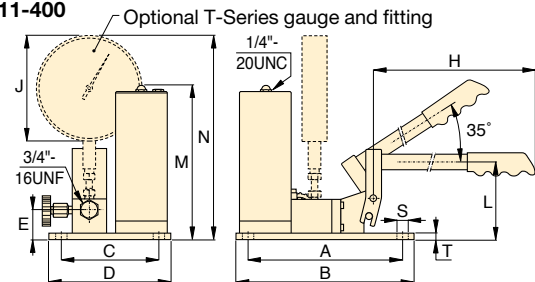
**Ultra-High Pressure pumps DO NOT have an internal safety pressure relief valve.**



### Stainless Steel Construction

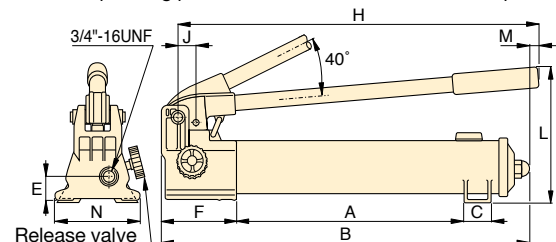
Ultra-high pressure fittings feature all stainless-steel construction except adaptor 41-366, which features nickel plated carbon steel construction.

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	