

P, 11-Series, Ultra-High Pressure Hand Pumps **ENERPAC**

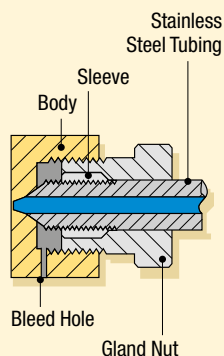
▼ Shown from left to right: 11-100, P2282



- Two-speed operation on the P2282 allows for faster fill operation, 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, diesters, silicones, soluble oils and petroleum
- Large release knob for improved control of pressure release
- Outlet ports are $\frac{3}{4}$ "-16 cone for 2800 bar rating
- Ultra-high pressure fittings feature all stainless steel construction except adaptor 41-366 which features nickel plated carbon steel construction.

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 2800 bar seal.



Ultra-High Pressure up to 2800 bar



2-Way Shut-Off Valve Model Number 72-750

For 2800 bar applications requiring a shut-off valve or gauge snubber. Made of 318 Stainless Steel and

utilizing .38 inch cone fittings, it is the perfect selection for use with your ultra-high pressure hand pump.

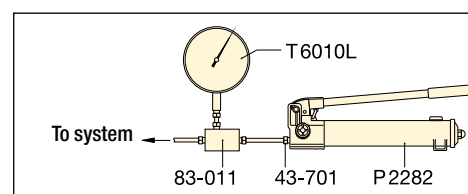


Test System Gauges

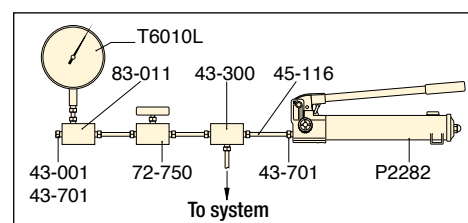
Ideal for monitoring pressure in your hydraulic circuit. Test System Gauges, such as the **T6010L**, are available with cone threads or

NPTF threads and a variety of pressure ranges.

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▲ Typical Test System
















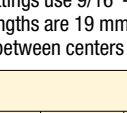
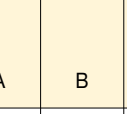
▲ Test System with Gauge and Snubber

Pump Type	Usable Oil Capacity (cm ³)	Model Number	Pressure Rating * (bar)		Oil Displacement per Stroke (cm ³)		Max. Handle Effort (kg)
			1 st stage	2 nd stage	1 st stage	2 nd stage	
Two-Speed	983	P2282	13	2800	16,22	0,61	48,1
Single-Speed	737	11-100	-	700	-	2,49	54,4
	737	11-400	-	2800	-	0,62	54,4

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

Ultra-High Pressure Hand Pumps

▼ Optional Ultra-High Pressure Fittings and Tubings

Description	Connection	Model Nr.
2800 bar		
Gland Nut Plug	 .38" cone	43-001
Elbow	 .38" cone	43-200
Tee	 .38" cone	43-300
Gauge Tee	 .38" cone side/ .25" cone gauge port	43-301
Gauge Adaptor	 .38" cone side/ .25" cone gauge port	83-011
Coupling	 .38" cone	43-400
Cross	 .38" cone	43-600
Gland Nut with Sleeve	 .38" cone	43-701
Gauge Connector	 .25" cone	43-704
Tubing	 100 mm tube, O.D. .38" * 200 mm tube, O.D. .38" * 300 mm tube, O.D. .38" *	45-116 45-126 45-136
700 bar only		
Adaptor	 .38" F cone to 1/4" M NPTF	41-146
	 .38" F cone to 3/8" M NPTF	41-166
Adaptor	 .38" F cone to 1/4" F NPTF	41-246
	 .38" F cone to 3/8" F NPTF	41-266
Adaptor	 .38" M cone to 3/8" F NPTF	41-366

Note: .25" cone fittings use 9/16"-18 threads, 3/8" cone fittings use 3/4"-16 threads.
* Actual tubing lengths are 19 mm less than nominal size shown. These dimensions make distance between centers of valves and fittings multiples of 100 mm spaces.

**P
11
Series**



Reservoir Capacity:
737 - 983 cm³

Flow at Rated Pressure:
0,61 - 2,49 cm³/stroke

Maximum Operating Pressure:
700 - 2800 bar



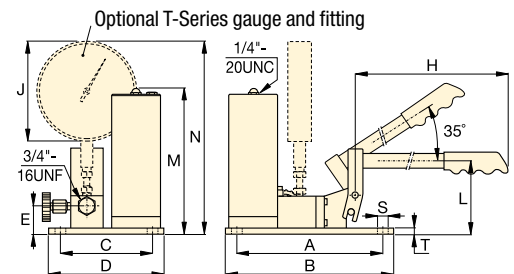
**Ultra-High Pressure pumps
DO NOT have an internal safety
pressure relief valve.**



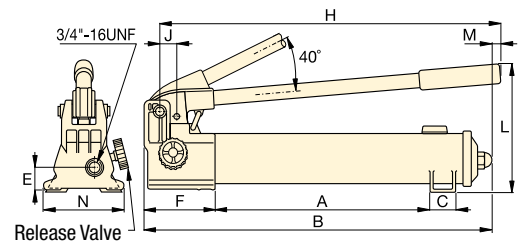
Stainless Steel Construction


Ultra-high Pressure Fittings feature all stainless steel construction except adaptor **41-366**, which features nickel plated carbon steel construction.

11-100
11-400



P2282



	Piston Stroke	Dimensions (mm)														Model Number
		(mm)	A	B	C	D	E	F	H	J	L	M	N	S		
	25,4	344	558	35	–	31	133	527	29	228	7	120	–	–	6,4	P2282
	19,8	240	266	151	177	45	–	635	162	114	237	314	7	9	10,0	11-100
	19.8	240	266	151	177	45	–	635	162	114	237	314	7	9	10,0	11-400