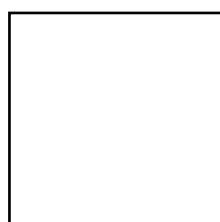


Pump spec.										
Pressure range										
Vacuum	X	X								
Vacuum to 2 bar / 30 psi			X							
Vacuum to 40 bar / 580 psi				X						
0 to 2 bar / 30 psi					X					
0 to 14 bar / 200 psi						X	X			
0 to 40 bar / 580 psi								X		
0 to 200 bar / 3,000 psi									X	
0 to 350 bar / 5,000 psi										
0 to 700 bar / 10,000 psi										
0 to 1,000 bar / 15,000 psi										
Technology, features and design										
Type	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Hydraulic
Test medium	Air	Air	Air	Air	Air	Air	Air	Air	Air	Oil
Reservoir capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	200 cl / 0.5 pint
Operation	Bicycle-pump	Bicycle-pump	Scissor	Scissor	Scissor	Bicycle-pump	Bicycle-pump	Scissor	Pistol-grip	
"O" rings	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	
Wetted parts	Delrin and stainless steel	Delrin and stainless steel	Anodized aluminum, nickel-plated brass, stainless steel, nylon	Anodized aluminum, nickel-plated brass, stainless steel, nylon	Anodized aluminum, nickel-plated brass, stainless steel, nylon	Delrin and stainless steel	Delrin and stainless steel	Anodized aluminum, nickel-plated brass, stainless steel, nylon	Aluminum, brass, stainless steel, and Lexan®	
Test connections	1/8" NPT female termination	1/8" BSP female termination	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	1/8" NPT female termination	1/8" BSP female termination	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	
Size	15.2x10.2x30.5 cm / 6x4x12 in	15.2x10.2x30.5 cm / 6x4x12 in	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	15.2x10.2x 30.5 cm / 6x4x12 in	15.2x10.2x 30.5 cm / 6x4x12 in	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	
Weight	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	1.4 kg / 3.0 lb	
Calibration system										
JOFRA DPC-500, APC and IPI	N/A	N/A	N/A	System B	System A	N/A	N/A	System A	System C	
JOFRA CPC	N/A	N/A	N/A	System B	System A	N/A	N/A	System A	N/A	
Ordering										
Order number	T-811	T-811-M	T-965	T-975	T-960	T-810	T-810-M	T-970	T-6 20	

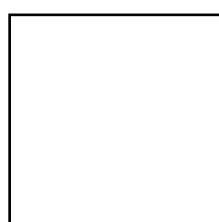
MODEL T-620 / T-620H



Model T-620 hydraulic pressure pump is small, lightweight and portable. The T-620 features a transparent reservoir to easy

view of the test fluid. The pump is compatible with petroleum-based oils or hydraulic fluids. The reference gauge is mounted on the body manifold with a swivel fitting for easy viewing. A vernier adjustment allows for precisely control pressure. A vent valve is provided for quick and positive shut-off and pressure release. The pump is equipped with a 0.6 m (24 in) rubber hose with 1/4 in NPT connector and 1/4 in BSP adapter for connecting to the instrument-under-test.

MODEL T-810 / T-811

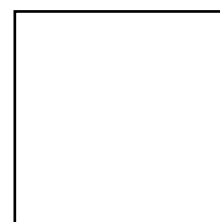


Model T-810 pneumatic pressure pump is an economical and lightweight pump. The pump has a T-fitting allowing for connection to

the 1/8 in NPT threads and the 1/8 BSP threads on the T-810M model. The body is flat on one side preventing it from rolling and offers features such as a fine control vernier and a thumbscrew for rapid or gradual pressure release.

Model T-811 vacuum pump is similar to the T-810 except it is designed to generate vacuum from 0 to -0.9 bar / 13 psi. It is available with metric threads in the T-811M model.

MODEL T-960 / T-965 / T-970 / T-975



Model T-960 pneumatic pressure pump features an extended range vernier adjustment for precisely controlling pump pressure

and comfortable pistol grip handle.

Model T-970 pneumatic pressure pump is similar to the T-960, but generate pressure up to 40 bar (580 psi).

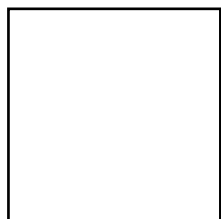
Model T-965 / T-975 pneumatic pressure pump features both vacuum and pressure generation. A button (valve) makes it easy to switch from vacuum to pressure measurements. Built-in release valve, vernier valve for fine adjustment and dual pressure output enable safe and simple operation. The unit offers both metric and imperial threads on the reference connection and the hose.

	X	X	X							
				X						
					X	X	X	X	X	X
	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Oil	Oil	Water	Oil	Water	Water	Water	Oil	Oil	Oil
	200 cl / 0.5 pint	N/A	N/A	N/A	1.23 l / 75 in ³	1.23 l / 75 in ³	1.23 l / 75 in ³	1.23 l / 75 in ³	1.23 l / 75 in ³	1.23 l / 75 in ³
	Pistol-grip	Screw pump	Screw pump	Jack pump	Jack pump	Jack pump	Jack pump	Jack pump	Jack pump	Jack pump
	Buna-N	Buna-N	Buna-N	Buna-N	Buna-N	EPT	Viton	Buna-N	EPT	Viton
	Aluminum, brass, stainless steel, and Lexan®	Aluminum, brass, stainless steel	Aluminum, brass, stainless steel	Aluminum, brass, stainless steel	300 series stainless steel, monel	300 series stainless steel, monel	300 series stainless steel, monel	300 series stainless steel, monel	300 series stainless steel, monel	300 series stainless steel, monel
	0.6 m / 24 in hose with 1/4" BSP and NPT female terminations	4 x 1/4" BSP female	4 x 1/4" BSP female	4 x 1/4" BSP female	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations	1/4" and 1/2" BSP terminations; 1/4" and 1/2" PT female terminations
	21.6x12.1x6.2 cm / 8.5x4.8x2.4 in	36.6x19.5x10.5 cm / 14.4x7.7x 4.1 in	36.6x19.5x10.5 cm / 14.4x7.7x 4.1 in	36.5x20.0x14.2 cm / 14.4x7.9x5.6 in	79.4x22.9x50.8 cm / 31.3x9x 20 in	79.4x22.9x50.8 cm / 31.3x9x 20 in	79.4x22.9x50.8 cm / 31.3x9x 20 in	79.4x22.9x50.8 cm / 31.3x9x 20 in	79.4x22.9x50.8 cm / 31.3x9x 20 in	79.4x22.9x50.8 cm / 31.3x9x 20 in
	1.4 kg / 3.0 lb	3.7 kg / 8.2 lbs	3.7 kg / 8.2 lbs	5.3 kg / 11.6 lbs	9.1 kg / 20 lbs	9.1 kg / 20 lbs	9.1 kg / 20 lbs	9.1 kg / 20 lbs	9.1 kg / 20 lbs	9.1 kg / 20 lbs
	System C	System D	System D	System E	System F	System F	System F	System F	System F	System F
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	T-620H	65-P016	65-P017	65-P014	T-1	T-1/EPT	T-1/VITON	T-1/OIL	T-1/OIL/EPT	T-1/OIL/VITON

MODEL P014

MODEL P016 / P017

MODEL TYPE T



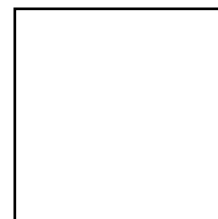
Model P014 hydraulic pump is designed for high pressure oil applications. The small size and light weight make it a sensible, rugged,

and portable solution. The pump has a 4 pressure output manifold similar to the JOFRA screw pump. Fine adjustment vernier valve and fittings are optional. Standard thread connections are 1/4 in BSP and adapters are available.



Model P016 and P017 screw pump are designed for easy and controlled generation of high pressure. The screw pump has

a 4-output manifold, fine adjustment, vernier valve, liquid reservoir, and fittings are optional. The screw pump may be delivered for hydraulic oil or water. Standard thread connections are 1/4 in BSP and adapters are available.



Model type T pump is designed for high pressure applications and may be ordered with either oil or a water/alcohol mixture as the

pressure medium. There are three available seal packages for the system: Buna-N, Viton®, and EPT.¹⁾ The Type T pump features a dual pressure output manifold, fine adjustment vernier valve, relief valve, and dual volume control for rapid pressure increase at lower pressures and easier pumping at higher pressures.

1) Customer must verify compatibility of seals and pump materials with pressure medium. Viton is a registered trademark.

