


Pouch Press Tester / Static Load Tester

This equipment is primarily meant for Static Load Test on Liquid Filled pouches. However it can also be used to perform Dynamic Load Test in some cases.

Technical Specifications :

<p style="text-align: center;">Touchscreen Model Fully Automatic Operation</p>	
<p style="text-align: center;">Digital Model with Large 7" Touchscreen Display (PLC).</p>	
<p style="text-align: center;">Touch controls on PLC.</p>	
<p style="text-align: center;">Programmable Load and Hold Time.</p>	
<p style="text-align: center;">Auto-adjust pressure. No Manual Control.</p>	
<p>Safety Shield <u>with</u> Magnetic Interlock Sensor. Machine will not start if safety door is open. Machine will auto-stop and reverse if safety door is opened during test.</p>	
<p style="text-align: center;">Choice of Measurement units Kgf / Lbf / N (User Selectable)</p>	
<p style="text-align: center;">Stainless Steel Body</p>	
<p style="text-align: center;">Static Load Test Procedure</p>	<p style="text-align: center;">Dynamic Load Test Procedure</p>
<ol style="list-style-type: none"> 1. Select Static Load Test 2. Define Test Targets (Load and Hold Time) 3. Place Sample. 4. Press Start to begin test. 5. Upon reaching preset load, the machine will hold position. A timer starts automatically. 6. Upon completion of hold time, the machine reverses automatically. 	<ol style="list-style-type: none"> 1. Select Dynamic Load Test 2. Place Sample. 3. Press Start to begin test. 4. As soon as the sample bursts, the machine stops and reverses automatically. <p>Note : Auto-Stop facility may not work for thin samples (very low fill volume).</p>


Included with all models / SKUs :

- 1) Air Filter + Pressure Regulator.
- 2) Calibration Port and Adapter with Tubing. (Digital Pressure Gauge to be supplied by you)

DQ/IQ/OQ Documentation are supplied with SKUs specific for Pharmaceutical Companies.

Warranty : 12 Months (Ex-Factory)

Note : The Static Load Test is done as per test specifications detailed in point # 4.1.2 of Chapter 4 of the “Flexible Retort Pouch Defects – Identification & Classification” by the [Canadian Food Inspection Agency](#).

	As per Canadian Food Inspection agency, retort pouches should comply with the static load burst test. You will have to press the pouch with a force of 7.5 kg per 15mm of inner seal perimeter and hold this force for 15 seconds. If the pouch leaks or bursts or even if the seals show signs of stress during this period, the batch is considered failed.
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Utilities Required :

- 1. Power Supply (Current : Max 5 Amps) :
 - 1. For India (Domestic Model) : 230 Volts A.C., 50 Hz. Clean power.
 - 2. For Outside India (Export Model) : As per your country’s power rating.
- 2. Compressed Air @ 6 bar (87 psi)

How to Order?

Step 1 : Choose Model.

Model	T500*	1000
Nominal Capacity :	500 Kgf 4900 N 1100 Lbf	1000 Kgf 9800 N 2200 Lbf
Usable Capacity :	450 Kgf 4400 N 990 Lbf	1000 Kgf 9800 N 2200 Lbf
Accuracy :	Better than 1% of chosen capacity	
Working Range :	10 - 90 % of chosen capacity.	
Pressing Platen Diameter :	200 mm (~ 8 inch)	300 mm (~ 12 inch)
Max Pouch Size (Diagonal Distance) :	200 mm (~ 8 inch)	300 mm (~ 12 inch)

* : T500 has a reduced usable capacity of 450 Kgf / 4400 N / 990 Lbf

Step 2 : Select Part Number / Equipment SKU

Region	Industry	-	Equipment	-	Model
D	N		PP		T500
E	P				T1000

	Options	Description
Type	D	Domestic Model For Sale in India only. Warranty / Support valid only in India
	E	Export Model for Sale outside India only. Comes with a set of emergency spares. International Quality / Warranty / Support.

Industry	N	For Food / Beverage / FMCG Industry. Non-Pharma.
	P	For use in Pharmaceutical Industry. DQ/IQ/OQ documents are provided with machine.

Equipment	PP	Pouch Press Tester
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Model	T500	500 Kgf Nominal Capacity, 450 Kgf Usable Capacity. Pressing Platen Diameter : 200 mm (~ 8 inch) Max Pouch Size (Diagonal Distance) : 200 mm (~ 8 inch)
	T1000	1000 Kgf Nominal Capacity, 1000 Kgf Usable Capacity. Pressing Platen Diameter : 300 mm (~ 12 inch) Max Pouch Size (Diagonal Distance) : 300 mm (~ 12 inch)

Write down the part code / SKU you need :

Region	Industry	-	Equipment	-	Model
			PP		

Select the Equipment Part Code (SKU) and request for a quotation by sending an email to info@packtest.com

You can also use the [product selector](#) on our website and send us an enquiry directly from there.

