



An equipment to test Pouches / Cups / Tubes / Blister Packs / Trays for :

1. Leak Test
2. Burst Test

Test Modes :

Leak Test :

Your package is tested only for leakages.

Burst Test :

Your package is tested only for burst pressure.

Leak & Burst Test :

Your package is tested both for leakages and burst pressure.

**2-in-1 Equipment
3 Test Modes
Many Test Fixtures**

Principle of Operation :

Leak Test : Package is penetrated with a needle probe and internally pressurized up to a set pressure and held for a set time. System will automatically detect leakages by monitoring the pressure drop. If the package is held under water, you will also see air bubbles from leak points.

Burst Test : Package is penetrated with a needle probe and internally pressurized until the sample bursts. The max burst pressure is displayed.

Leak Burst Test : Package is penetrated with a needle probe and internally pressurized up to a set pressure and held for a set time. System will automatically detect leakages by monitoring the pressure drop. If the package passes the leak test, the equipment automatically increases the internal pressure until the sample bursts and records the peak pressure at which the failure occurred.

Visit us at www.PackTest.com



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Marketed by :







Confirms to :

ASTM F1140

ASTM F2095

ASTM F2054

What's new in Ver 2.1 ?

1)	Enhanced input air filter. Prevents external particles in air supply from entering the instrument and clogging the pneumatic system.								
	Multi Stage filter for LBT-11A/AP LBT-15A/AP		Single Stage filter for LBT-11 and LBT-15						
									
2)	Inline Air Filter. Prevents external particles in the pouch from entering the system. Useful if you are testing product filled packages.								
									
3)	Internal Prefiller (Optional). Allows testing of empty pouches by quickly filling them to save on testing time. Eg. Large pouches (12inches or larger)								
	<table border="1"><tr><td></td><td>Without Prefiller</td><td>With Prefiller</td></tr><tr><td>Time for 0-100% Fill</td><td>8 – 9 mins</td><td>10 – 15 seconds</td></tr></table>				Without Prefiller	With Prefiller	Time for 0-100% Fill	8 – 9 mins	10 – 15 seconds
		Without Prefiller	With Prefiller						
Time for 0-100% Fill	8 – 9 mins	10 – 15 seconds							
Testing Time saved = >90%									
									
4)	Enhanced firmware. Improved Accuracy, Better control and testing experience.								

How to order ?

Step # 1 : Select a controller model.


Models Available :





Model #	Capacity	Resolution	APR *	Internal Prefiller	Suitable for
LBT-11	1 bar 1.02 kg/cm2 14.5 psi	0.1 mbar 0.0001 bar 0.0001 kg/cm2 0.001 psi			Packages with Low Burst Pressure. Eg. Medical Pouches, Snack Food Packaging.
LBT-11P				✓	
LBT-11A			✓		
LBT-11AP			✓	✓	
LBT-15	5 bar 5.10 kg/cm2 72.5 psi	0.5 mbar 0.0005 bar 0.0005 kg/cm2 0.007 psi			Packages with Medium to High Burst Pressure.
LBT-15P				✓	
LBT-15A			✓		
LBT-15AP			✓	✓	

* APR (Automatic Pressure Regulator) enables you to set the pressure increment speed for ultra precise control and higher accuracies. Or if you want to test a huge variety of small to large packages.

Step # 2 : Select one or more test fixtures.

Test Fixtures Available :

Sr.	Probe / Fixture Type	Photo	Suitable for
1.	Needle Probe Includes : - Needles (10 nos) - EPDM Septum Stickers (100 nos, suitable for 100 tests)		Low - Medium Burst Packages (Unrestrained) : - Pouches - Cups - Trays - Tubes Testing as per ASTM F1140 / F2095

2.	Restraining Plate Fixture. Includes : <ul style="list-style-type: none">- Blister Pack Probe- Double Sided Adhesive Tape (2 rolls)- Single Hole Punch			Medium / High Burst Pouches. or Pouches that exhibit elongation / stretch during testing. Testing as per ASTM F2054
		Part No :	Max Testable Pouch Size	
		RP0810	8x10 Inches	
		RP1012	10x12 Inches	
		RP1218	12x18 Inches	
		RP2024	20x24 Inches	
3.	Tube Fixture			 (for Snap-On Caps) Medium / High Burst Tubes with Snap-On / Flip-Top caps.
		(for Screw-On Caps) Medium / High Burst Tubes with Screw-On caps.		
4.	Special Fixtures			For Special Packages : <ul style="list-style-type: none">- Medical Blister Packs- Ophthalmic Blister Packs

Step # 3 : Select extra consumables. (for Needle Probe fixture only)

Item/Qty	10 nos	20 nos	50 nos	100 nos	200 nos	500 nos	1000 nos
Spare Needles	✓	✓	✓	✓			
Septum Stickers				✓	✓	✓	✓

Utilities Required (To be supplied by the buyer) :

- 1) Power Supply : 230/110 Volts AC at 50/60 Hz.
- 2) Compressed Air supply at 5 - 6 kg/cm2

(Fluctuation Free Power required)
(Rust, Dirt and Moisture Free Supply)