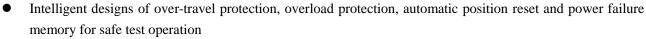


Professional Technology

- 1% of full scale effectively ensures the accuracy of test results
- 7 independent test modes are available, including tensile strength, peeling force, tearing force, heat seal strength and other force properties of flexible packages
- Different ranges of load cells and 7 distinct test speeds to meet different test requirements
- The instrument is controlled by micro-computer with menu interface,
 PVC operation panel and large LCD display



- Professional operating software supports statistical analysis of group specimens, superposition analysis of test curves and historical data comparison functions as well as multi-functions of parameter setting, printing, inquiry, clear and calibration, etc.
- Equipped with RS232 port and micro printer port which is convenient to the data transmission and PC connection
- Supports LystemTM Lab Data Sharing System for uniform and systematic data management

Applications

This instrument is equipped with more than 100 grips for tests of more than 1000 materials. And customization is also available for special material tests. Examples of instrument applications:

Basic Applications	Extended Applications (Additional Accessories Required)				
Shearing Test	Puncture Test of Hypodermic Needles in Artificial Skin	Puncture Test of Films	Puncture Test of Infusion Bags	Puncture/Pullout Test of Flexible Rubber Closures	
Test of Tensile Strength and Elongation Rate	Opening Resistance Test of Combined Covers	Tear Test of ZD -Type Caps	Opening Force Test of Oral Liquid Caps	Puncture/Pullout Test of Oral Liquid Caps	
Test of Tensile Strength at Break	90 Degree Pullout Test of Infusion Bag Caps	Pullout Test of Infusion Bag Caps	23 Degree Pullout Test of Bottle Caps	Puncture/Pullout Test of Bottle Caps or Rubber Closures	
Tear Resistance Test	90 Degree Peel Test of Adhesive Tapes	Tear Resistance Test of Adhesive Binding Books	90 Degree Peel Test of Water-soluble Plasters	Tear Resistance Test of Adhesives	
Heatseal Strength Test	Adhesive Strength Test (soft)	Adhesive Strength Test (hard)	Peel Test of Flexible Tube Caps	Removal Force of Pipes and Pipe Joints	
90 Degree Peel Test	Pullout Test of Cosmetic Brush Hair	Pullout Test of Tooth Brush Hair	Tensile Strength of Ropes at Break	Opening Force Test of Jelly Cups and Yogurt Cups	





180 Degree Peel	Peel Test of Cup Films	Pullout Test of	45 Degree Peel Test of	Tensile Strength of
Test		Rubber Stoppers	Bottle Membranes	Sealing Bags
	Peel Test of Magnetic	90 Degree Peel Test	Tear Resistance of Heat	Separating Force of
	Cores	of Magnetic Cards	Sealing Films	Protection Films
	Peel Test of Release	Tear Test Using	Unwrapping Force of	Compressive Resistance
	Paper	Trouser Method	Adhesive Tapes	of Plastic Bottles
	20 Degree Peel Test	135 Degree Peel	Peeling Grips of	Eccentric Grips
		Test of Plugs	Floating Rollers	
W	Wide Sample Grips	Japanese Sample	British Sample Grips	
		Grips		

Test Principle

The pre-conditioned specimen is mounted between two grips, which move in relative direction during the test. The changes of force and displacement are separately recorded by the load cell fixed on the driven grip and embedded displacement transducer. The tensile strength, tear strength and elongation rate can be obtained by further calculation.

This instrument conforms to various national and international standards as follows:

ISO 37, ASTM E4, ASTM D882, ASTM D1938, ASTM D3330, ASTM F88, ASTM F904, JIS P8113, QB/T 2358, QB/T 1130, GB 8808, GB/T 1040.1-2006, GB/T 1040.2-2006, GB/T 1040.3-2006, GB/T 1040.4-2006, GB/T 1040.5-2008, GB/T 4850-2002, GB/T 12914-2008, GB/T 17200, GB/T 16578.1-2008, GB/T 7122, GB/T 2790, GB/T 2791, GB/T 2792, GB/T 17590

Technical Specifications

Specifications	XLW		
Land Call Compatter	500 N (standard) 30 N, 50 N, 100 N, 200 N (optional)		
Load Cell Capacity	750 N, 1000 N (Customization Available)		
Accuracy	1% FS		
Test Speed	50 100 150 200 250 300 500 mm/min		
Number of Specimens	1		
C.,	30 mm (Standard Grip)		
Specimen Width ———	50 mm (Optional Grip)		
Clamping Way	Manual Specimen Clamp		
Stroke	600 mm		
Instrument Dimension	450 mm (L) x 450 mm (W) x 980 mm (H)		
Power Supply	AC 220 V 50 Hz		
Net Weight	65 kg		

Configurations

Standard Configurations	Instrument, Universal Grips, Professional Software and Communication Cable		
Optional Parts	Micro Printer, Printing Cable, Standard Pressure Roller, Test Plate, Floating Roller		



Grips, Sample Cutter and Customized Grips

Please Note: Labthink is always dedicated to the innovation and improvement of product performance and function. Therefore, technical specifications are subject to change without further notice. Please visit our website at www.labthink.com for the latest updates. Labthink reserves the rights of final interpretation and revision.