

BLD-01 Auto Stripping Tester

BLD-01 Auto Stripping Tester can be used for peeling, stripping and other performance tests of adhesives, adhesive tapes, pressure sensitive tapes, medical adhesive bandage, protection films, release paper, laminated films, leatheroid, woven bags and paper.



Technical Features

- 0.5% of full scale high precision load cell effectively ensures accuracy and repeatability of test results
 - Equipped with advanced displacement control system, automatic displacement reading, displacement accuracy up to 0.1mm
 - With advanced servo drive system, which can achieve infinitely variable speed to meet the user's testing needs for different test conditions
 - Wide range of load cells for a variety of force testing requirements
 - 7-inch color touch screen with intelligent data processing functions provides users with a comfortable and smooth operating experience
 - Each test shows the maximum, minimum, and average value of the test data, and with printing function
 - With convenient user-defined test functions and complete data analysis and reporting functions
 - Built-in test file standard library, conforms to various international test methods
 - Intelligent designs of over-travel protection, overload protection, automatic position reset and power failure memory for safe test operation
 - Equipped with standard RS232 interface, which is convenient to PC connection and data transmission
 - Equipped with a variety of grips for choose, which can meet the test requirements of more than 10,000 materials
 - Provides professional customization services to meet the individual needs of users in fixtures, software, etc.
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Test Principle

The specimen clamped between two grips and do relative motion. Conduct piercing or opening test through special clamp head. Collect the strength and displacement changes in the progress of test by force test and control system to calculate the corresponding force value data.

Applications

Basic Application		Extended Application			
Tensile Strength and Deformation Rate	180 Degree Peel Test	Tear Resistance	Shearing Performance	Heat Seal Performance	Adhesive Strength Test (soft)
Tensile Strength at Break	90 Degree Peel Test	Low Speed Unwrapping Force	Release Paper Peel Test	Opening Force of Bottle Caps	Adhesive Strength Test (hard)

Note: *Additional accessories or customized sample grips may need to be purchased separately to complete the tests that cannot be completed with standard sample grips.

** Customized grips are needed for extended applications

Technical Specifications

Specifications	BLD-01
Load Cell Capacity	30N/50N/100N/200N/500N
Testing Accuracy	0.5% FS
Drive System	Imported Panasonic servo drive system
Speed of Crossbeam	0.05~500 mm/min (Stepless speed control)
Accuracy of Speed	±1%

Maximum Stroke	500mm
Number of Specimens	1
Specimen Width	30mm (standard), 50mm (optional)
Clamping Way	Manual
Power Supply	AC 220V 50Hz/120V 60Hz
Instrument Dimension	800mm(L)×320mm(W)×300mm(H)
Net Weight	50kg

Standards

GB/T 4850-2002, GB 8808, GB/T 1040.3-2006, GB/T 17200, GB/T 2790, GB/T 2791, GB/T 2792, QB/T 2358

Configuration

Standard configuration: Instrument, Touch Screen, Grips, Micro-printer

Optional configuration: Load Cell, Test Plate, Sample Cutter, Customized Sample Grips, Standard Pressure Roller, Professional Software, Communication Cable, calibration weight
