

## BLD-01 Auto Stripping Tester

### Brief Introduction

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 effectively ensures accuracy and repeatability of test results
- ◆ Equipped with advanced displacement control system, displacement accuracy can reach 0.1mm
- ◆ With advanced servo drive system, which can achieve infinitely variable speed and wider test speed range to meet the user's needs for different test conditions.
- ◆ Wide range of load cells for a variety of force testing requirements
- ◆ The 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 of the test data, and has a 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.

## Test Principle

The specimen clamped between two chuck 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

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

Item	BLD-01
<b>Load Cell Capacity</b>	30N/50N/100N/200N/500N
<b>Testing Accuracy</b>	0.5% FS
<b>Drive System</b>	Imported Panasonic servo drive system
<b>Speed of Crossbeam</b>	0.05~1000 mm/min

	(Continuously adjustable)
<b>Accuracy of Speed</b>	±1%
<b>Maximum Stroke</b>	500mm
<b>Number of Specimens</b>	1
<b>Specimen Width</b>	30mm (standard), 50mm (optional)
<b>Clamping Way</b>	pneumatic (standard) , Manual (optional)
<b>Power Supply</b>	AC 220V 50Hz/120V 60Hz
<b>Instrument Dimension</b>	800mm(L)×310mm(W)×300mm(H)
<b>Net Weight</b>	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**

<b>Standard Configuration</b>	Instrument, Micro Printer
<b>Optional Parts</b>	Load Cell, Test Panel, Sample Cutter, Customized Sample Grips, Standard Pressure Roller, Professional Software and Communication Cable

*Technical specifications are subject to change without further notice. Please visit our website at [www.horizontester.com](http://www.horizontester.com) for latest information.*