

GBL-L Electronic Tensile Tester



Application

To test the tensile strength, peeling strength, heat sealing strength and tearing strength of plastic film, composite film, tape, soft packaging material, rubber sheets, paper, non-woven fabrics and other packaging materials, widely used in industries of membrane, packaging, pharmaceuticals, food industries, inspection agency, research institute, college and so on.

Standards

GB8808, GB13022, GB/T1040, GB4850, GB/T7753, GB/7754, GB/T453, GB/T17200, GB/T16578.1, QB/T1130, GB/T 2791, GB/T 2790, GB/T 2792, GB/T 7122, GB/T 10004, GB/T 17590, JJG 139, GB/T 6344, GB 10808, YBB00112003, YBB00102003, YBB00132002, YBB00202004, ASTM D828, ASTM E4, ASTM D882, ASTM D1938, ASTM D3330, ASTM F88, ASTM F904, JIS P8113, QB/T 2358

Features

- ◆ Can test tensile strength, peeling strength, heat sealing strength and tearing strength.
- ◆ User can set various parameters like width, speed, thickness and distance.
- ◆ Results are shown on LCD screen.
- ◆ Can print out testing results with built-in thermal printer.
- ◆ Core parts are imported, with high precision and durability.
- ◆ High sampling speed (50 times/s) and accurate data.
- ◆ 3 levels of security protection make the experiment safer.
- ◆ Table standing design for sitting operation, easy and comfortable.

Specifications

Item	Technical parameters
Force range	0-300N (0~500N optional), 1400% elongation
Force accuracy	within $\pm 1\%$ of the displayed value (grade 1)
Test speed	0-500mm/min (infinitely variable speeds)
Displacement accuracy	within $\pm 1\%$ of the displayed value
Test width range	30mm (50mm can be customized)
Travel distance range	700mm
Instrument size	600mm×500mm×1300mm

Item	Technical parameters
Power	300W
Power supply	AC 220V, 50Hz
Weight	65kg

Configuration List

A、Spare parts

NO.	Name	Remark	Quantity
1	Power cable	3*0.75 10A 1.8M	1 PC
2	Communication cable	RS232 nine-pin data cable	1 PC
3	Tensile clip	30mm	1 PC
4	Software flash disk	4G	1 PC
5	Buckboard		1 Set
6	Allen wrench		1 Set
7	Right-angle tear blade		1 Set
8	Wooden box		1 PC
9	Cross screwdriver	6-10mm	1 PC

B、Optional parts

NO.	Name	Unit	Quantity	Remark
1	Computer (win7 32bit)	set	1	Optional
2	Pneumatic clip	set	1	Optional
3	Metrology Certificates			Optional

C、User provide

1	Power supply	500w	220V	10A	three holes socket	ground wire
2	1 set of computer (with nine-pin COM port, Windows7)					

Note: GBPI is always committed to product innovation and improved performance, so accordingly product technical specifications are subject to change without notice. GBPI reserves the right to amend and the final power of interpretation.



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