100KN Rubber Tensile Testing Machines High Precise For Peel Strength / Bend Strength

Product Details:

Place of Origin:	**Guangdong, China (Mainland)**
Brand Name:	**HAIDA**
Certification:	**ISO 9001:2000; ISO 9001:2008; QS-9000; ISO 14001:2004; CE, , SMC, CMC, CPA, CE,CMA,IMC**
Model Number:	**HD-B611S**

100KN Rubber Tensile Testing Machines High Precise For Peel Strength / Bend Strength

Universal Testing Machines

Let The Standards Know How Powerful You Are
Show The Value Of Your Material Properties To Quality
Keep It Better
Make Quality Better

· Detection accuracy · Easy to operate · Good quality of equipment

APPLICATIONS

1. Tested sample: laminated materials, wood, leather, rubber & plastic, metal material, etc.
2. Different test with different grips: tensile, peel, tear, heat seal, adhesive, bend and open force.
3. Deformation under defined load: Test deformation under defined load of tested sample
4. Load under defined deformation: Test load under defined deformation of tested sample
5. Software can issue word/excel report with results for max. force, elongation, tensile strength, peel strength, tear strength, compression strength, etc.

Metal

- ASTM E8, EN 10002-1,ASTM A370: Tensile Test
- ASTM A370: Bend Test
- ASTM B-117, ISO 3768: Salt Spray Test
- ISO 6508: Rockwell Hardness Test
- ISO 6507: Vickers Hardness Test
- ISO 6506, ASTM E10-14: Brinell Hardness
- ASTM E23, ISO 148: Impact Test

Main Technical Parameter

Item	Description
Frame capacity	10T
Load cell brand	USA brand transcell load cell for high accuracy 10T (2T, 5T are optional)
Load accuracy	0.5% F.S
Control system	PC with windows 7 system
Motor	Panasonic servo motor w/AC variable speed drive system, high-precision mechanical ball screw rod
Force reading	kgf, lbf, N, KN, T etc
Vertical test space	1100mm including fixture
Horizontal test space	≤400mm

Test speed	0.1~300mm/min (adjustable)
Software	TM 2101
Curves display	Load- elongation, Elongation-time, Time-elongation, Stress-strain
Data display	Max. force, speed, sample information, strength(Kpa, Mpa, N/mm, N/mm^2) etc…
Safety features	E-Stop Over-load protection Upper and lower limit switches Load sensor with automatic retreat

Product Description
Panasonic Servo Motor 100KN Rubber Tensile Testing Machine is widely used in wires & cables, hardware, metal, rubber, footwear, leather, apparel, fabric, tape paper products, pharmacy and so on, for tensile strength, tear resistance, peel strength, bend strength, shear force , ect with different fixtures according to national and international standards customer required.
Panasonic Servo Motor 100KN Rubber Tensile Testing Machine is a kind of electric tensile tester which uses the motor to drive ball screw to move fixture. Place the fixture with sample between the upper and lower fixture, use a given speed to pull sample upward by upper fixture. Load cell above upper fixture will sense tensile strength, and convert the strength into voltage sign and output to the display screen. And the strength value will be displayed automatically.

TM2101

The TM2101 software is designed purposely for computer controlled electronic universal testing machine, used for tension, compress, bend, shear, tearing andpeel test. With the personal computer and interface plate, it could collect, save, process and print test result. Further it can calculate multiple parameters, i.e. maximum force, yield strength, average peel force maximum deformation, yielding point and elastic modulus; this universal test equipment system is featured in curve process, multi-sensor support, image interface, flexible data process and powerful system function.