

Summary: computerized horizontal 200kg tensile testing machine

- Computer horizontal 200kg tensile testing machine is designed by mechanical-electrical integration, composition of the force-measuring sensor, transmitter, microprocessor, mechanism of load drive, computer and color inkjet printer.
- High-precision electronic motor can be set to five-speed, the components are connected by plug-way, Floor standing models, it is taken account of modern industrial design and ergonomics in modeling. and coating.
- Computer horizontal 200kg tensile testing machine can be tested all the materials in stretch, compression, bending, shear, embedded relay, peeling, tearing, crack, etc. Such as rubber, plastics, leather, metal, nylon wire, fabric, paper, aerospace, packing, construction petrochemical, electrical, vehicle.

Test standards: Computer horizontal 200kg tensile testing machine

- GB/T4689.20-1996 measuring fastness of leather's adhesion
- QB/T2710-2005 measuring leather's expansion and the rate of elongation
- QB/T2711-2005 measuring tear force of leather
- QB/T2712-2005 measuring leather's strength and stretch of spherical crack test
- ISO 13934 Test Machines for Grab and Strip Tests of Fabric
- ASTM D76 Tensile Textiles Test Machine
- ASTM D751 Coated Fabrics Rainwear Test Equipment
- ASTM D1683 Sewn Seams of Woven Fabric
- ASTM D4964 Tension and Elongation of Elastic Fabrics
- ASTM D5034 Grab Testing for Textile Fabrics
- ASTM D5035 Breaking Force and Elongation of Textile Fabrics by Strip Method
- ASTM D6775 Break Strength and Elongation Test Equipment for Textile Webbing, Tape and Braided Material
- ASTM D7269 Tensile Testing of Aramid Yarns

Test items: Computer horizontal 200kg tensile testing machine

Common items: (display data and calculation)

tensile stress	tensile strength
rate of elongation at break	fixed stress
rate of stress at break	tear strength
the value of force at any point	rate of elongation at any point
stress strength	pull-out strength

Technical parameters: Computer horizontal 200kg tensile testing machine

Product Name	Computer horizontal 200kg tensile testing machine
Load cell	10, 20, 50, 100, 200kg (Optional)
Resolution of force	1/200000
Accuracy of force	≤0.5%
Power magnification	7 automatic switching
Displacement resolution	1/1000
Accuracy of displacement	≤0.5%
Resolution of extensometer	1/1000
Accuracy of extensometer	≤0.5%
Range of speed	0.01-500mm/min or 1000mm/min(according to the needs of customer)
Effective Tensile stroke	300mm(can be increased the height according to customer's requirement)
Testing width	380mm(can be increased the width)
Power supply	220V, 50HZ
Power	about 2KW(dependent on different demand of force, using different motor)

Main feature: Computer horizontal 200kg tensile testing machine

- 1. the surface of appearance using electrostatic spray, simple and generous, multi-functions and economy.
- 2. digital force displayed by LCD , discernible tension or pressure, LCD display clearly
- 3. Three kinds of units: N, KG, Lb, option or automatically exchange;
- 4. LCD with backlight can be used in low-light environments
- 5. Single measurement, it can record the max force of tension and compression in both directions, automatic or manual cleared to zero.
- 6. The system would shut down if overload or over-trip
- 7. Structure of single-column is beautiful, sophisticated and economy.