

- The machine adopts hydraulic loading, LCD Display, easy and convenient to operate. It is mainly used to execute the tension, compression, bending, flexural etc. test for metal materials. Attached with simple accessories and devices, it can be used to test wood, concrete, cement, rubber, and so on. It is very suitable for making test to different metal or nonmetal materials under high toughness and hardness against extreme big loading force..
- This machine is six column frame structure, the main oil cylinder in the lower part of frame, the main structure include of base plate, oil cylinder, piston, This machine can be applicable for Tension, bending, compression, tearing, shearing for Small components, reinforced plastics, metals, wire, composites, elastomers, wood products, textiles, biomaterials, paper products, adhesives, foam, consumer products
- This machine follow ISO6892, BS4449, ASTM C39, ISO75001, ASTM A370, ASTM E4, ASTM E8 and BSEN standards.
- Versatile removable grips and fixtures can be changed rapidly to meet variable wider applications in tension, compression, flexure, peeling, tearing, punch, shearing...
- load sensor, lifting motor, platform, screw, pillar, beams and others.



• Specification

Item / Index / Model	WE-100B	WE-300B	WE-600B	WE-1000B
Maximum test force	100 kN	300 kN	600 kN	1000 kN
Structure type	Six columns, double space the host structure			
Accuracy class				
Maximum speed of sentre sill(mm/min)				
Compression space(mm)	500	600		
Ensile space(mm)	600	700		
Piston stroke(mm)				
Diameter of round specimen(mm)	Φ6-Φ22	Φ10-Φ32	Φ13-Φ40	Φ14-Φ45
Diameter of flat specimen(mm)	0-15	0-20		0-40
Maximum distance of bending test(mm)				
Size of compression plates(mm)	Φ110	Φ150	Φ200	Φ225
Dimension(host)(mm)	800X620X1850	800X620X1870	800X620X1900	900X700X2250
Dimension(control console) (mm)	550 X 500 X 1200			
Power(kW)	1.1	1.8	2.2	2.2
Weight((control console)(kg)	160			
Weight (host)(kg)	1400	1500	1800	2500