



JINAN TEST MACHINE CO., LTD

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## WEW Series Computer Display Hydraulic Universal Testing Machine

WEW Series machine, is adopting oil hydraulic power to push the piston in the oil cylinder to provide loading force. So it is very suitable for tension, compression, bending and shearing strength test for various metal or nonmetal materials under high toughness and hardness against extreme big loading force. By using oil pressure transducer and photoelectric encoder, computer can timely collect the testing parameters like loading force, stroke etc. This machine is adopting manual control mode and computer collecting and displaying methods to process the testing parameters. The software based on Windows system is able to make automatic calculating of test results, i.e. tensile strength, up / low yield strength, Non proportional stress point, Modulus of Elasticity etc. This machine is widely used in different inspection department, engineering area, laboratories, universities and institutes for material properties research and quality control. These machines can meet standards ASTM, DIN, ISO, GB and so on.

### Main Technical Specifications:

Model	WEW-300 B	WEW-600 B	WEW-600 D	WEW-1000B	WEW-1000D
Max Load Capacity (kN)	300	600	600	1000	1000
Host Machine Structure	Two-column + Two-lead screw	Two-column + Two-lead screw	Four-column + Two-lead screw	Two-column + Two-lead screw	Four-column + Two-lead screw
Load amplification	x1, x2, x5, x10 four scales (Auto Range) or no scale				
Range of Testing Force	2%-100% of max load				
Load Accuracy	±1%				
Load Resolution	1/100000				
Accuracy of Deformation	Error less than ±1%				
Displacement Accuracy	Error less than ±1%				
Max Tensile Space (mm)	550	580		600	
Max Compression Space(mm)	500	550		580	
Piston Stroke(mm)	150	150		150	
Clamping Diameter of Round Specimen(mm)	Φ10-Φ32	Φ13-Φ40		Φ14-Φ45	
Clamping Thickness of Flat Specimen (mm)	0-15	0-15		0-40	
Dimensions (L*W*H)	Dimension of Host machine(mm)	800×500×1950	950×630×2265		1050×700×2300
	Dimension of Control Cabinet(mm)	1100×600×970	1100×600×970		1100×600×970
Power Supply	Three-phase 380V,50HZ( Special requirements can also be met)				
Net Weight(KG)	1800	2200		2500	



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### WEW-B Series



### WEW-D Series

