



Series WDW-M Microcomputer control Electronic Universal Test

Series WDW-M Microcomputer control electronic universal testing machine is applicable for tensile tests of material like rubber, plastic, textile, waterproofing material, cable, network wire, metal wire, metal rod, metal plate and others.

Main engine structure:

The engine structure is formed by the upper beam, the middle beam, the lower beam and the bottom panel with two pairs of ball screw-rod and a vertical column. The all-digital AC motor drives the reducer and the synchronic gear belt, so as to turn two pairs of high-precision and seamless ball screw-rod, and to make the beam move up and down.



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Technical Specification

Main technical parameters	10	20	50	100	200	300
Structural form	Floor type					
Maximum testing force(KN)	10	20	50	100	200	300
Operation mode	Microcomputer control					
Force measuring range	2%-100% of the maximum testing force					
Relative error on indicated values of testing force	Better than $\pm 1\%$ of the indicated value					
Error on deformation display	$\pm 1\%$ (or $\pm 0.5\%$)					
Minimum resolution on the testing force	0.01N					
Precision on beam displacement	$\pm 1\%$ ($\pm 0.5\%$)					
Deformation accuracy	Better than $\pm 1\%$ ($\pm 0.5\%$)					
Speed governing range	0.01-500/200mm/min					
Testing travel	>700mm(It can be customized according to customer's needs)					
Testing width	400mm					
Testing space adjusting mechanism	Servo motor,synchronous belt drive					
Appearance	As per GB/T2611					
Protection function	Overload protection ,limit protection					
Power supply	220V			380V		
Weight(kg)	400	500	600	1300	2000	
Operating conditions	Ambient temperature -35°C , humidity 20%-80%					
Clamp form	Suitable clamps will be configured according to the customer requirements. Special clamps can be customized for the customer.					



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