



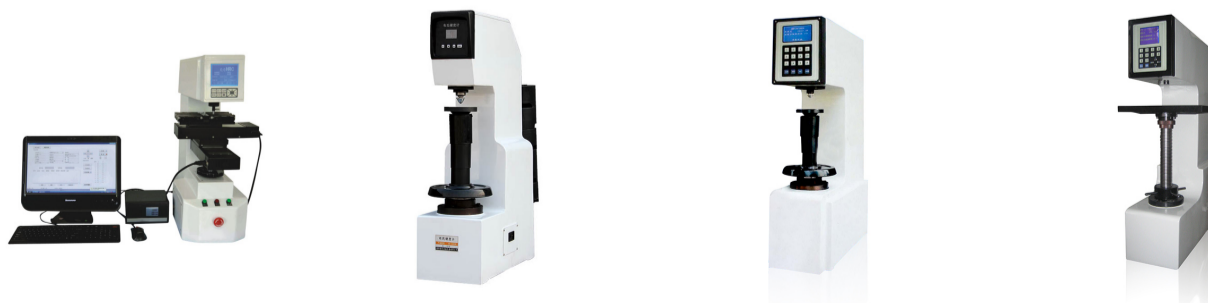
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## WAW-3000A/4000A/5000A Hydraulic Universal Testing Machine

### Product description:

Universal Testing Machine



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### 1.Introduction Application

WAW-3000A/4000A/5000A Hydraulic Universal Testing Machine is ideal for high-capacity tension, compression, bend/flex, and shear testing. It accords with the correspondent requirements of BS, EN, ISO, ASTM, JIS and many other testing methods. These frames feature dual spaces so users can quickly change between tension and compression testing without having to remove heavy fixtures.

### 2.Application

Metals-(wire, rod, tube, strip, plate, strip)  
Fasteners (tensile, proof, single and double shear)  
Construction materials(reinforcement bar, wire, mesh, folding, compression of concrete and components)  
Nonmetal materials , and more

### 3.Technical Specifications

Model	WAW-3000A	WAW-4000A	WAW-5000A
Control Way	Constant stress uniform deformation constant displacement three closed loop control and program control dealing		
Max. Load(kN)	3000	4000	5000
Load accuracy	Class 1		
Load range	2% ~ 100%F·S		
Load resolution	Capacity/300, 000 (fully auto scaling of single measurement		
Deformation Measurement Range	2%~100%FS		
Stroke	250mm	300mm	300mm
Test speed(mm/min)	0-80		
Max. Tension Test Space (mm)	800	1000	1000
Nominal maximum specimen sizes Diameter(mm)	Φ20~Φ50, Φ50~Φ80, Φ80~Φ110	Φ20~Φ50, Φ50~Φ80, Φ80~Φ110	Φ20~Φ50, Φ50~Φ80, Φ80~Φ110
Nominal maximum specimen sizes Thickness(mm)	5~50, 50~100	5~50, 50~100	5~50, 50~100
Column Effective Spacing(mm)	600	800	800