

# WAW系列 100B 300B 600B 600D 1000D 2000D

更稳定更可靠的中国试验机品牌  
More stable and reliable Chinese testing machine brand

## 0.5级/1级微机控制电液伺服万能试验机 Class 0.5/1 Computer-control Electro-hydraulic Servo Universal Testing Machine

### 该系列产品主要优势 Main advantages of this series of products

- 1 高精度、高稳定性——名牌传感器（0.5级为世界名牌；1级为国产名牌）配置。
- 2 高试验速率控制精度——应力保持控制精度可高达万分之一。完全符合 GB/T228.1-2010。
- 3 国家钢铁材料测试中心认证——试验软件，试验数据可溯源。
- 4 国家计量检定规程——JJG1063-2010《电液伺服万能试验机》参加起草单位。
- 5 国家专利技术——微机控制电液伺服万能试验机的伺服泵装置。专利号：ZL 2013 2 0124811.3
- 6 专利特点：试验速率控制精度高，超静音、节能。

- Famous brand sensor configuration (Sensor of Class 0.5 is from world famous brand, while sensor of Class 1 is from domestic famous brand) to keep high precision and stability.
- The stress is ten thousandth control accuracy, with high testing rate control accuracy, conforming to the Standard of GB/T228.1-2010.
- The software of this series of products has passed the evaluation of the National Steel Material Testing Center, the testing data can be traced to the source.
- Unit taking part in the drafting of Verification Regulation of Electro-hydraulic Servo Universal Testing Machines for JJG1063-2010.
- Gaining national patent, the Servo Pump Device of Computer-control Electro-hydraulic Servo Universal Testing Machines. patent No.: ZL 2013 2 0124811.3
- Patent Characters: high testing rate control accuracy, ultra-silence and energy conservation.



**专利技术产品，高配置，高精度，高稳定性。**  
Product with patented technology, with high configuration, precision and stability.



### 功能用途

该产品主要用于金属材料及构件的拉伸试验。可测试材料的抗拉强度、屈服强度、规定塑性延伸强度、弹性模量、断后伸长率等力学性能指标。液压夹紧方式。试验结果自动存储，试验报告（试验数据及试验曲线）自动生成并打印。

### Main Function and Usage

This product is mainly used for the tensile test of metal materials and component, testing the tensile strength, yield strength, stipulated plastic extension strength, elasticity modulus, percentage elongation after fracture and other mechanical performance index. Hydraulic wedge clamping. The testing results can be automatically stored, and the testing report, including the testing data and testing curve would be generated and printed automatically.

### 主要规格及技术参数 Main Specifications and Technical Parameter

设备型号 Model	WAW-2000D	WAW-1000D	WAW-600D	WAW-600B	WAW-300B	WAW-100B
最大试验力 Capacity	2000kN	1000kN	600kN	600kN	300kN	100kN
试验机级别 Calibration Accuracy	0.5级/1级 Class 0.5/1					
有效测量范围 Testing Force Range	2%-100%FS					
示值相对误差 Force Accuracy	±0.5%/±1%					
试验力分辨率 Resolution	1/500000FS					
应力速率控制调整范围 Stress Rate Control Range	1MPa/s~60MPa/s					
应力速率控制精度 Stress Rate Control Accuracy	±1%/±2%					
变形分辨率 Deformation Resolution (mm)	0.001					
应变速率控制调整范围 Strain Rate Control Range	0.00025/s~0.0025/s					
应变速率控制精度 Strain Rate Control Accuracy	±1%/±2%					
位移分辨率 Displacement Resolution (mm)	0.001					
位移速率控制调整范围 Displacement Rate Control Range	0.00025/s~0.0025/s					
位移速率控制精度 Displacement Rate Control Accuracy	±0.5%/±1%					
应力/应变/位移保持控制范围 Stress/Strain/Displacement Holding Control Range	0.3%~100%FS					
应力/应变/位移保持控制精度 Stress/Strain/Displacement Holding Control Accuracy	±1%					
拉伸空间 (mm) Tensile Space (mm)	1300	700	650	650	650	650
压缩空间 (mm) Compression Space (mm)	1000	550	550	550	500	500
立柱间距 (mm) Column Space (mm)	760	580	480	430	430	430
圆试样夹持范围 (mm) Round Specimen Clamping Range (mm)	Φ20-Φ65	Φ6-Φ45	Φ6-Φ40	Φ6-Φ40	Φ6-Φ26	Φ6-Φ26
扁试样夹持厚度 (mm) Flat Specimen Clamping Range (mm)	0-50	0-30	0-30	0-30	0-30	0-30
扁试样最大夹持宽度 (mm) Max. Flat Specimen Clamping Width (mm)	140	75	75	75	75	75
压盘尺寸 (mm) Pressure Plate Dimension (mm)	Φ300	Φ155	Φ155	Φ155	Φ155	Φ155
主机外形尺寸 (mm) Load Frame Size (mm)	1200×800×3300	910×830×2300	840×700×2200	740×590×2150	740×590×2150	740×590×2150
油源控制台尺寸 (mm) Oil Source Console Size (mm)	1150×800×1000					
电机总功率 (kW) Total Motor Power (kW)	4	2	2	2	1.5	1.5
总重量 (kg) Total Weight (kg)	9000	3200	2300	2000	1600	1600