



## COMPANY PRODUCT

Home (/) >> PRODUCT (<http://www.hssdgroup.com/PRODUCT/>) >> Electronic Universal Testing Machine ([http://www.hssdgroup.com/PRODUCT/Electronic\\_Universal\\_Testing\\_Machine/](http://www.hssdgroup.com/PRODUCT/Electronic_Universal_Testing_Machine/))



### 600KN Computer Control Full Auto Electronic Tensile Testing Machine

Product description:

Overview WAW-600G microcomputer controlled automatic tensile testing machine consists of electronic universal testing machine, double-sided push-pull hydraulic automatic stretching fixture, flat push



(<http://www.hssdgroup.com/PRODUCT/Compression/Tests/36.html>) (<http://www.hssdgroup.com/PRODUCT/Electronic/Universal/Testing/brand/PROBCT/16.html>) (<http://www.hssdgroup.com/PRODUCT/Electronic/Universal/Testing/brand/PROBCT/16.html>)

Share With:

We're here to help:  
Easy ways to get the answers you need.

Send E-mail (<mailto:Louis@hssdtest.com>)

Chat Now (<skype:sales02@hssdtest.com?chat>)

PRODUCT DETAILS

PRODUCT VIDEO

### Overview

WAW-600G microcomputer controlled automatic tensile testing machine consists of electronic universal testing machine, double-sided push-pull hydraulic automatic stretching fixture, flat push clamp servo oil source, digital longitudinal automatic extensometer, and extensometer's program-controlled automatic advance and retreat device, front gantry type three-dimensional automatic loading specimen main robot device, six-side 60-station servo control rotary specimen rack device, specimen automatic centering finishing device, specimen automatic measuring device, follow-up automatic unloading Double robot device, automatic specimen sorting device, piano main console, digital full-closed multi-channel controller, computer and software system, measurement and control system, PLC manual control box, gas island control system, compressed air boost The system consists of a voltage regulation system, an electric drive system, safety protection and automatic shutdown alarm.

The equipment can work continuously for 24 hours, ensuring that the effective working day is more than 350 days and the annual effective working time is more than 8400 hours.

### Application

**Metal:**

ASTM E8, ISO 6892, BS EN 10002-1, ASTM E21, ISO 783, EN ISO 7438, ISO 14589, ASTM F606

**Plastics/ Composites:**

ASTM D638, EN ISO 6259, EN ISO 527-1, ISO 604, ASTM D695, ASTM D3846, EN ISO 844, EN ISO 13968, EN ISO 9969, etc.

**Geo-textiles:**

ASTM D3950, ASTM D 6775-02, BS EN ISO 10319, JBT 8521(EN 1492-2).

**Rubber:**

ISO 37, ASTM D41

### Test Standards:

GB/T 228, JIS Z 2241, ISO 6892, ASTM E8, DIN, BS, EN, ect.

### Main Parameters:

<b>Main host and controller</b>	
With horizontal adjustment column, set expansion bolt foot	
Max. load	600KN
Testing level	0.5 Class
Driving way	Servo control, electric servo, medium control gas island
Operation type	Automatic / manual stretching at room temperature
Test speed	0.001-200mm/min stepless setting
Speed accuracy	±0.5%
Speed control mode	displacement, load, stress, strain can be arbitrarily selected and switched within the stretching phase.

Full load speed and speed accuracy	200mm/min, $\pm 0.5\%$
Power supply	Three-phase 10kW
Host size	1500* 900* 2780mm (width includes PLC manual box)
Oil source size	380 * 550 * 600 mm
Complete equipment size	4460* 2540* 2780 mm
Total weight	9600kg
<b>Load sensor</b>	
Measuring accuracy level	0.5 class
Load resolution	500000 yards (equivalent to 1.2N)
Stress control accuracy	$\pm 0.5\%$
Strain control accuracy	$\pm 0.5\%$
<b>Displacement</b>	
Measurement range	0 ~ 550mm
<b>Digital longitudinal automatic extensometer</b>	
Accuracy level	Exceeds EN10002 level 0.5 standard;
Working temperature	0--50 °C
Net weight (including measurement control unit)	26kg
Measurement position	Configuration of rodless two-way cylinder, linear guide, automatic advance and retreat for measurement
Supercharger	The main control box of the extensometer has an inflatable protection device to prevent dust from entering
<b>Double-sided flat push hydraulic automatic stretching fixture</b>	
Double-sided push-pull hydraulic clamp	jaw clamping range: 0-60mm (can hold specimen with certain deflection)
Max. Clamping force	904kN
Max. System pressure	28.8MPa
<b>Specimen double section size automatic measurement system</b>	
Specimen type	Rectangular shape specimen
Measurement accuracy	$\pm 0.5\%$
Power supply	Single phase 220V $\pm 10\%$ , 50Hz, 500W

CONNECT SOCIALLY WITH US

#### CONTACT INFORMATION

Jinan Hensgrand Instrument Co., Ltd.

+86-15910081986

+86-15910081986

Louis@hssdtest.com (mailto: Louis@hssdtest.com)

4915,West jingshi Road,jinan 250012,PR CHINA.

#### CLASSIFICATION

Electronic Universal Testing Machine ([http://www.hssdgroup.com/PRODUCT/Electronic\\_Universal\\_Testing\\_Machine/](http://www.hssdgroup.com/PRODUCT/Electronic_Universal_Testing_Machine/))

Hydraulic Universal Testing Machine ([http://www.hssdgroup.com/PRODUCT/Hydraulic\\_Universal\\_Testing\\_Machine/](http://www.hssdgroup.com/PRODUCT/Hydraulic_Universal_Testing_Machine/))

Compression Tester ([http://www.hssdgroup.com/PRODUCT/Compression\\_Tester/](http://www.hssdgroup.com/PRODUCT/Compression_Tester/))

Impact Testing Machine ([http://www.hssdgroup.com/PRODUCT/Impact\\_Testing\\_Machine/](http://www.hssdgroup.com/PRODUCT/Impact_Testing_Machine/))

High And Low Temperature Chamber ([http://www.hssdgroup.com/PRODUCT/Low\\_Temperature\\_Chamber/](http://www.hssdgroup.com/PRODUCT/Low_Temperature_Chamber/))

Specimen Making Machine ([http://www.hssdgroup.com/PRODUCT/Broaching\\_Machine/](http://www.hssdgroup.com/PRODUCT/Broaching_Machine/))

Torsion Testing Machine ([http://www.hssdgroup.com/PRODUCT/Torsion\\_Testing\\_Machine/](http://www.hssdgroup.com/PRODUCT/Torsion_Testing_Machine/))

#### WELCOME MY COMPANY

Welcome your arrival, we will use the best quality service to provide you with the help!

search



We respect your privacy