

WSW-100 Biaxial tensile testing machine



The picture is for reference only

1. Application

The biaxial tensile testing machine takes electronic servo control technology as the core, and can carry out two-way tensile tests of various metallic and non-metallic materials.

The main technical units of the system include: a host, accessories, wire and cable, a set of necessary tools and technical information.

The main frame is made of integral steel plate, which is beautiful and durable.

The bidirectional spiral precision ball screw pair is used to ensure that the center of the sample does not change during bidirectional stretching.

The attachment can be configured according to user requirements, and the wedge-shaped extension attachment can be selected for the tensile test. The fixture can be customized according to user samples

2. Technical parameters

Longitudinal maximum test force	100KN
Lateral maximum test force	100KN

level of accuracy	Class 1
Test force value allowable error limit	Within $\pm 1\%$ of indicated value
Load measurement range	2% -100% FS of full scale
Force resolution	1/200000 of the maximum test force
Extensometer gauge length	50 mm
Maximum deformation of extensometer	10 mm
Deformation indication error limit	Within $\pm 0.5\%$ of indicated value
Displacement indication error	Within $\pm 1\%$ of indicated value
Displacement minimum resolution	0.01mm
Force control rate adjustment range	0.05-5% FS / S
Relative error of force control rate	Within $\pm 0.5\%$ of set value





MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name : **JINAN HENSGRAND INSTRUMENT CO., LTD.**

Company Address : NO.4915, WEST JINGSHI ROAD, JINAN, CHINA

Related Directives and Annex : **2006/42/EC Machinery Directive/Annex VIII**

Related Standards : **EN ISO 12100:2010, EN 60204-1:2018**

Product Name : **TESTING MACHINE**

Report No and Date : TCF-JHIC230128-MD

Product Brand/Model/Type : WDS-1, WDS-2, WDS-3, WDS-5, WDS-10, WDS-20, WDS-30, WDS-50, WDS-100, WDS-200, WDS-300, WDS-500, WDW-1, WDW-2, WDW-3, WDW-5, WDW-10, WDW-20, WDW-30, WDW-50, WDW-100, WDW-200, WDW-300, WDW-500, WDW-600, WDW-1000, WE-300, WE-600, WE-1000, WE-2000, WEW-300, WEW-600, WEW-1000, WEW-2000, WAW-300, WAW-600, WAW-1000, WAW-2000, WAW-3000, WAW-5000, WAW-6000, LAW-1000, JB-300B, JBS-300, JBW-300, JB-500B, JBS-500, JBW-500, JBW-750, CST-50, VU-2Y, VU-1S, DWC-40, DWC-60, DWC-80, DWC-100, DWC-196, YES-2000, YES-300, YAW-1000, YAW-300, YAW-2000, YAW-3000, YAW-5000, NDS-200, NDS-500, NDS-1000, NDS-2000, NDW-200, NDW-500, NDW-1000, NDW-2000, NDW-3000, NDW-5000, NDW-10000, HEZ-3, HEZ-6, HEZ-10, JWJ-10, TLS, TLW, HST-P50, HST-P100, HST-P200, HST-P300, RDJ, NDT, DWTT, GBW-60, GW-50, HST, XNR-400

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