

HST Electronic Flexural And Bending Testing Machine For Tile Gypsum board



The picture is for reference only

1. Application

It is used to test the bending resistance and bending resistance of various ceramic tiles, asbestos cement wave, asbestos cement slab, straw board, gypsum board, lightweight insulation material board, wood board, and various non-metal composite boards and research.

2. Standards

GB / T3810.1-2016 Test Methods for Ceramic Tiles Part 1: Sampling and acceptance conditions;
GB / T3810.4-2016 Test method for ceramic tiles Part 4: Determination of modulus of rupture and breaking strength;
GB / T9966.2-Test methods for natural facing stones

GB / T4100-2015 ceramic tiles
 GB 26539-2011 anti-static ceramic tiles;
 GB / T9775- paper gypsum board;
 JCT997-Decorative paper gypsum board;
 GB / T26204-Paperboard with gypsum board cover;
 GB / T12914-Determination of tensile strength of paper and paperboard;
 GB / T17669.3-Determination of mechanical properties of architectural gypsum;
 GB / T9776-Building plaster;
 DIN 53291-Sandwich structure test. Pressure test perpendicular to surface layer;
 DIN 53292-Sandwich structure inspection. Tensile test perpendicular to the surface;
 DIN 53293-Sandwich structure inspection. Bending test;
 DIN 53294-Interlayer structure inspection. Shear test;
 ASTM C1658 / C1658M-2013 standard specification of glass fiber gypsum board;

3. Technical Parameters

Model	WDW-10/20/30/50/100ZY
Max. Load(kN)	10/20/30/50/100 50 50
Load accuracy	Class 1
Load range	2%~100%F·S
Load resolution	1/300000
Resolution of deformation	0.04um
Accuracy of displacement	Within±0.5%of indicating load
Resolution of displacement	0.01mm
Test speed(mm/min)	0.05-500 stepless arbitrary setting
Speed accuracy	within ±1% / ±0.5% of set speed
E-Tensile space(mm)	Customized
E-Compression space(mm)	Customized
D-Test width(mm)	500 (can be customized)
F-Beam travel distance(mm)	1050
H-Workbench thickness(mm)	58
I-Base height(mm)	435
Power supply	AC220V±10%, 50Hz/60Hz (can be customized)
Video show	https://youtu.be/KylRjSt60mQ





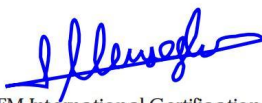
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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

Certificate Number : **M.2023.206.C81366**
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Registration Date : 01.02.2023
Reissue Date/No : -
Expiry Date : **31.01.2028**


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