

Electronic Rock Shear Apparatus



The picture is for reference only

Application :

The new generation of rock and concrete testing equipment developed by computer controlled electronic rock direct shears according to national industry standards (SL264-2001), rock test rules for water conservancy and hydropower projects , (JTJ E41-2005) rock test rules for highway engineering, and by using dual-channel AC servo motor driving technology (first in China), sensor technology, computer controlled and software-processing technology. Can be used for direct shear tests of rock structures (such as joints, layers, inside, inside, crack surfaces, etc.), rock and concrete or mortar and other rubber joints and shear strength test of material bonding surface.

Technical parameters:

Normal load	6~300kn (2-100%fs)
Normal overload protection	Overfill 2%

Transverse load	Overfill 2%
Transverse overload protection	Sixth gear
Transverse work schedule	0~150mm
Normal space	≤450mm
Transverse space	≤200mm
Shear load speed	0.01kn/s~30kn/s (adjustable)
Load indication accuracy	±1%
Load value resolution	1/500000 Maximum test force
Displacement measurement accuracy	±1%
Displacement resolution	0.005μm
Deformation measurement error	±1%
Deformation resolution	1/500000 Maximum deformation
Deformation measurement range	2-100%fs
Machine weight	900kg
Outline dimension	1100x702x1800mm





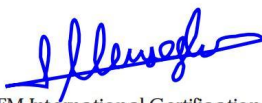
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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**
Initial Assessment Date : 31.01.2023
Registration Date : 01.02.2023
Reissue Date/No : -
Expiry Date : **31.01.2028**


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