

HRS-150D-ZXY Fully Automatic Rockwell Hardness Tester



The picture is for reference only

Features

1. The main Hardness Tester can be divided from automatic system and it can be used for testing independently.
2. Just like build with blocks, they can be upgraded according to requirement.
3. Specimen will be raised up automatically (without height limited)
4. Automatically load the initial test force
5. Automatically load the main test force
6. Automatically measure the hardness values
7. May multi-point, multi-parts test hardness value, series test, for example, automatically measure the end quenched curves for 6 pcs end quenched specimens
8. Automatically hardness exchange according to Chinese standard/ASTM
9. Automatically alarm the unqualified hardness value
10. The Hardness Test data will be stored forever for inquiry database
11. Automatically make the inspection report subjected by the client
- 2.

Main Technical Specifications

Composition	Single hardness tester + Software + Z axis+X axis +Y axis motor+ Computer
Special Characteristics	Automatically accomplish the hardness testing of optional multi-points

	on the plane
Application	Apply to repeatedly test large quantity of specimens
Initial Test Force	10kgf(98.07N)
Test Force	60kgf(588N), 100kgf(980N), 150kgf(1471N)
Dwelling Time	0~60s
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK
Carry Out Standard	Chinese Standard GB/T230.1, GB/T230.2, JJG112 Inspection Rule, ASTM Standard
Max Height of Specimen	175mm, Added Height: 400mm
Distance between Indenter to outer wall	160mm
Specimen Rising Speed	3mm/s
Hardness Test Range	HRA:20-88, HRB:20-100, HRC:20-70, HRD:40-77, HRF: 60-100, HRG: 30-94, HRH: 80-100, HRK: 40-100
Specimen Rising Up	Automatically
Apply Initial Test Force	Automatically
Apply Main Test Force	Automatically
Specimen moving in X or Y Axis	Automatically Move
Moving Precision in X or Y Axis	0.003mm
Travels in X or Y Axis Direction	100mm
Hardness Value Display	Automatically
Hardness Value Exchange	Automatically
Hardness Values Output	Built-in Printer, RS232 Interface, Normal Printer
Hardness Statistic and Analysis	With
Hardness Test Database Inquiry	With
User's Stipulated Inspection Report	Automatically Form
Exchange Scales	Superficial Rockwell, Brinell, Vickers
Readout Hardness Value	Large Digital Display Screen
Overall Dimension (mm)	520x240x720mm
Power Supply	AC220V
Net Weight of Main Tester	About 65kg





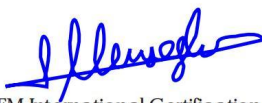
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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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Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TURKEY
Phone: +90 0312 443 03 90 **Fax:** +90 0312 443 03 76
E-mail: info@udem.com.tr www.udem.com.tr



HST GROUP Co., LTD.

Jinan Hensgrand Instrument Co., Ltd.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Phone/WhatsApp: +86-159 1008 1986

www.hssdgroup.com - e-mail: admin@hssdtest.com

No. 4915, Jingshi Road, Jinan, China

Tel: +86-15910081986