

HST Ultrasonic flaw detector



The picture is for reference only

Main feature:

- *Automated gain and gain scan;
- *Peak Hold and Peak Memory;
- *B scan;
- *AWS D1. 1
- *Automated make video of test process and play; use USB flash disk, the length of video is unlimited.
- *Powerful pc software and reports can be export to excel;
- *Li battery, continue working time up to 10 hours;
- *The embeded software can be online updated;
- *Display freeze;
- *Automated echo degree;
- *Angles and K-value;
- *Lock and unlock function of system parameters;
- *Electronic clock calendar;

Technical Specification:

Detection range	0-9999mm	Resolution	> 40dB (5p 14)
Working frequency	0.2mhz ~ 15MHz	Linear inhibition	≤ 3%
Sound speed range	1000m / S ~ 9999m / S	Vertical linear error	≤ 3%
Gain range	0dB ~ 110dB	Horizontal linear error	≤ 0.1%
Sampling frequency	100MHz	Dynamic range	≥ 32dB
Display delay	- 20 μ s to + 3400 μ s	Battery	6 × 3.7V (lithium battery)
Probe bias	0 μ s ~ 99.99 μ s	Power supply	8.4v
Electric noise level	≤ 10%	Ambient temperature	- 20 °C ~ 50 °C
Sensitivity margin	> 62db	Ambient humidity	20% - 90% RH





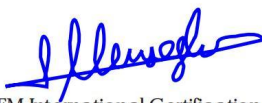
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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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