

HST 310 Ultrasonic Thickness Gauge



The picture is for reference only

Ultrasonic Thickness Gauge 310 is a new generation of intelligent ultrasonic thickness gauge, using the latest high performance and low power consumption microprocessor technology, based on the principle of ultrasonic measurement, to measure the thickness of metal, glass, ceramics and other materials, and the materials of sound velocity measurement. Is widely used in all kinds of plate, pipe wall thickness, the boiler container wall thickness, all kinds of pipeline and pressure vessel, thickness measurement, monitor them in the process of using the degree of corrosion after thinning.

Main function:

- I Suitable for measuring metal (such as steel, cast iron, aluminum, copper, etc.), plastic, ceramic, glass, glass fiber and other any good conductors of ultrasonic thickness .
- I Can be equipped with a variety of different frequency, chip size, double crystal probe use .
- I Have probe zero calibration, a two-point calibration function, can be automatically on system error correction .
- I Thickness can be known the sound velocity measurement, in order to improve the accuracy of measurement .
- I With functions of coupling status alerts .
- I LED backlight display, convenient to use in dark environment .

- I The battery indicator function, can real-time display the battery remaining power .
- I With automatic power saving function dormancy, automatic shutdown, etc .
- I Small, portable, high reliability, suitable for bad operating environment, vibration, impact resistance and electromagnetic interference .

Technology Parameter:

Measuring range:	0.75 mm~300.0 mm(0.03 inch~11.8 inch)
Units:	Metric / Imperial unit selectable
Sound Velocity Range:	1000 m/s~9999 m/s(0.039~0.394 in/μs)
Display resolution:	0.01 mm or 0.1 mm(lower than 100.0 mm) 0.1 mm(more than 99.99 mm)
Accuracy:	$\pm(0.5\% \text{ Thickness} + 0.04) \text{ mm}$, depends on Materials and conditions
Data Memory:	5 files(up to 100 values for each file)of stored values 5 Sound Velocity of stored values
Power Source:	2 pcs 1.5 V AA size,batteries.100 hours typical operating time(LED backlight off)
Outline Dimensions:	150 mm*74 mm*32 mm





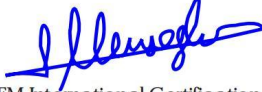
MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

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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