

LiBoShi®

HARDNESS TESTER

Main technical parameters :

Rockwell scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Initial Test Force	98.07N (10kgf)
Total test force	588.4N (60kgf) 980.7N (100kgf) 1471N (150kgf)
Keep Time	0-60S
Display screen	touch screen
Hardness resolution	0.1HR
Test force loading mode	Automatic loading, loading, unloading
Hardness conversion	HRA, HRB, HRC, HRE, HRF, HRG, HRK, HRH, HR15T, HR30T, HR45T, HR15N, HR30N, HR45N, HV0.1, HV1, HV5, HV10, HV15, HV30, HV50, HBS2, HBS10, HBS30, HBW, HK0.5, HK1, HLD, HS, Mpa
Conversion	ASTM-E140-12be, ISO-18265-2013, GB/T1172
Languages	Simplified Chinese, Traditional Chinese, English, French, German, Russian, Portuguese, Spanish, Korean, Japanese, Italian, Thai
Instrument correction range	-10.0HR ~ +10.0HR ; Step value 01.HR
Data processing	Provides 200 groups of individual data storage and 100 groups of packet data storage functions, and can provide individual data viewing and data analysis functions
Print configuration	Built-in printer
Maximum height of specimen	With screw protector 100mm , Without screw protector 170mm
Depth of Throat	118mm
dimensions	500×225×660mm
Net weight	68kg
Standards	GB/T230.2, JJS Z2245 , EN-ISO6508 , ASTME-18

ON THE SCIENCE
DEDICATED TO THE STUDY MATERIALS

Manufacturer : LaiZhou WeiYi Experimental Machinery Manufacture Co.,Ltd

Agent :

LiBoShi®

HARDNESS TESTER



HRS-150S
digital display Rockwell
hardness tester
LAIZHOU • WEIYI MADE
PATENTED PRODUCT

The increasingly stringent quality standards of modern industrial and technological research and development, as well as progressive heat treatment processes, require that hardness testing systems be durable enough while maintaining precise control over the generation of critical test data

HRS-150S digital display Rockwell hardness tester has excellent performance, good accuracy and stability, and easy to operate, many time to complete a large number of tests and measurements, effectively improve efficiency

Durable & Precision

- Built-in measuring device with high accuracy
- Optimum repeatability and reproducibility

Optimum repeatability and reproducibility

- Black crystal touch screen button with long life
- Ultra sensitive touch screen, timely response
- Dynamic display test process, hardness and data statistics, clear and intuitive
- 12 languages available

Brake system

- Initial test force loading automatic brake system

Applications

- It is suitable for testing Rockwell hardness of quenched, tempered, annealed, cold hard castings, malleable castings, cemented carbide steel, aluminum alloy, copper alloy, bearing steel, etc.



To control the loading, loading and unloading of the test force by means of a motor to eliminate the error



Built-in printer for data printing



System integration — ASTM-E140-12be、ISO-18265-2013、GB/T1172 three hardness conversion standards, automatic hardness conversion, no need to waste time to query cumbersome hardness comparison table



System built-in single point, multi-point mode, and multi-point mode provides hardness distribution curve data analysis function, automatically calculate the maximum, minimum, average value, easy for users to analyze the test data



By setting the upper and lower limits of hardness alarm, the user can automatically pop up the pop-up window to indicate whether the user can save and print the test results



Simplified Chinese, Traditional Chinese, English, French, German, Russian, Portuguese, Spanish, Korean, Japanese, Italian, Thai



15 measuring scales can be independently modified



Easy to use, friendly user interface, integrated data processing and display dual-core 32-bit ARM processor

Access to independent intellectual property protection:

- Patent for Analysis of Hardness Results
- Initial test force loading anti-overpass patent
- Software copyright
- Operating interface and icon appearance patent