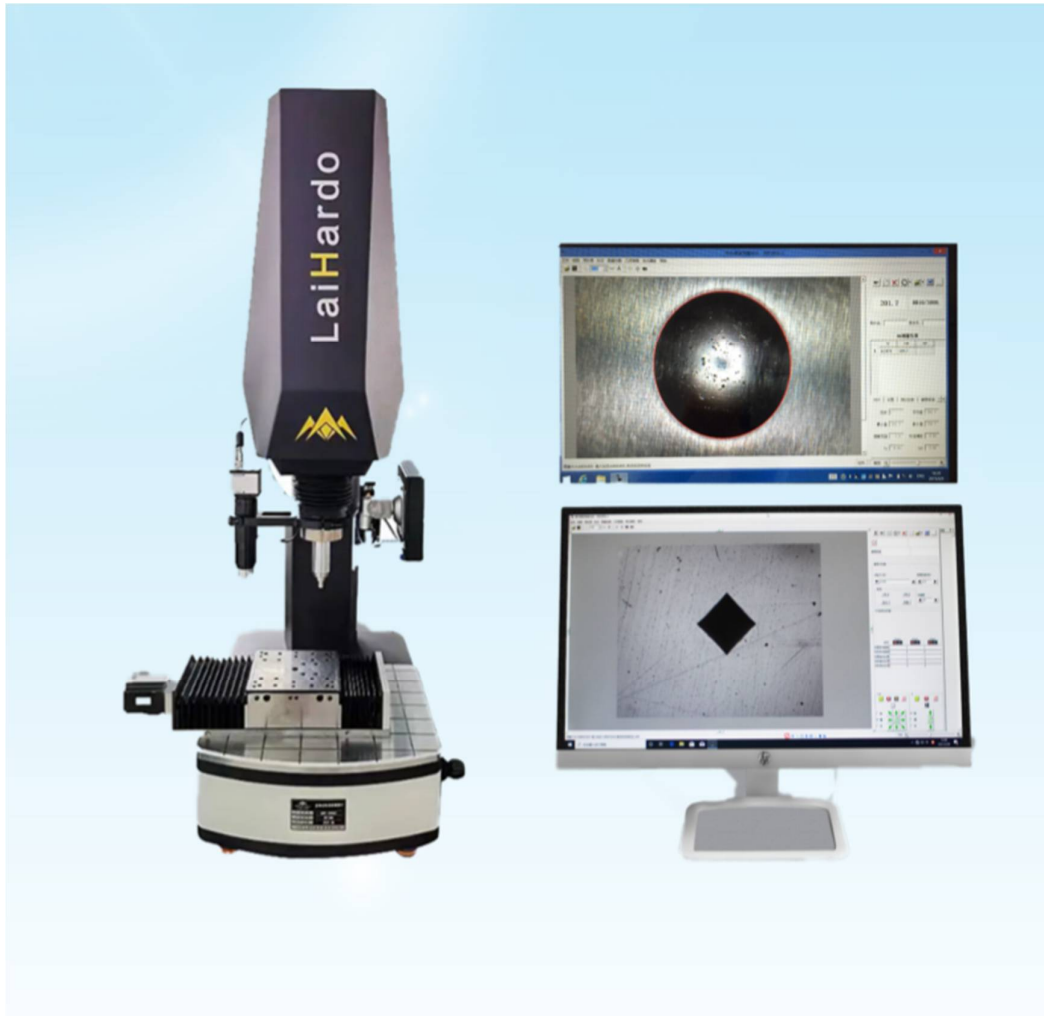


HBRV 2.0 Universal Hardness Tester



Features:

Model HBRV 2.0 is equipped with a newly-designed large displaying screen with good reliability, excellent operation and easy watching, thus it is a high-tech product combining the optic, mechanic and electric features.

1. It has Brinell, Rockwell and Vickers three test modes, which can test several kinds of hardness.
2. One button start fully automatically, Test force loading, dwell, unload adopts automatic shifting for easy and fast operation. It can

HBRV 2.0 Universal Hardness Tester

show and set the present scale, test force, test indenter, dwell time and hardness conversion;

3. The main function is as follows: Selection of Brinell, Rockwell and Vickers three test modes;

Conversion scales of different kinds of hardness; Test results can be saved for checking or be printed out, automatic calculation of maximum, minimum and average value.

4. Equipped with Brinell & vickers measuring system.

Application range:

Suitable for hardened and surface hardened steel, hard alloy steel, casting parts, non-ferrous metals, various kinds of hardening and tempering steel and tempered steel, carburized steel sheet, soft metals, surface heat treating and chemical treating materials etc.

Technical specification

Model	HBRV 2.0
Rockwell hardness- preliminary test force	Rockwell: 3kgf(29.42N), Superficial rockwell: 10kgf(98.07N)
Rockwell total test force	Rockwell: 60kgf , 100kgf , 150kgf, superficial rockwell : 15kgf , 30kgf, 45kgf
Brinell hardness--test force	2.5kgf(24.5),5kgf(49N),6.25kgf(61.25N),10kgf(98N),15.625kgf(153.125N),30kgf(294N),31.25kgf(306.25N),62.5kgf(612.5N)100kgf(980N), 125kgf(1225N), 187.5kgf(1837.5N), 250kgf(2450N)

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Vickers hardness-test force	3kgf(29.4N)5kgf(49N),10kgf(98N),20kgf(196N),30kgf(294N),50kgf(490N), 100kgf(980N), 200kgf(1960N),250kgf(2450N)
Indenter	Rockwell diamond indenter, 1.5875mm ,2.5mm & 5mm ball indenter, vickers diamond indenter
Magnification of microscope	Brinell:37.5X, Vickers:75X
Test force loading	Automatic(one button loading, dwell, unloading)
Max height of specimen	200mm
Head - wall distance	200mm
Dimension	555*400*1250mm
Weight	About 150Kg
Power	AC110V,220V,50-60Hz

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Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	Diamond Rockwell Indenter	1 pc
Diamond Vickers Indenter	1 pc	φ1.588mm, φ2.5mm, φ5mm Ball Indenter	each 1 pc
Slipped Test Table	1 pc	Large Plane Test Table	1 pc
PC	1set	2.5×, 5× Objective	each 1 pc
CCD camera	1 set	Software	1set
Power Cable	1 pc	Touch screen display	1pc
Hardness Block HRC	2 pc	Hardness Block 150~250 HBW 2.5/187.5	1 pc
Hardness Block 80~100 HRB	1 pc	Hardness Block HV30	1 pc
Fuse 2A	2 pcs	Horizontal Regulating Screw	4 pcs
Level	1 pc	Usage Instruction Manual	1 copy
Screw Driver	1 pc	Anti-dust Cover	1 pc

Sales and Service

NH Instruments

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