

## MAIN FUNCTION

XHB-3000Z II Three indenters digital Brinell hardness tester adopts precise structure design and the load of test force is controlled by the sensor, which makes the whole structure compact and loading of test force stable and exact. All the parameters can be showed and set on the touch screen with easy operation. The test process is controlled by CPU, using automatic switching between the objective and the indenter. The location of switching adopts mechanical and electronic double matching, makes the location precision more high. The instrument has 10 steps test force and 13 kinds of Brinell testing scale for arbitrary selection; With three indenters and two objectives, all can be used for measurement, automatic recognition and shifting between the objectives and the indenter; Pre-set the dwell time of test force and regulate the luminosity of light source; Automatically display the testing indentation length, hardness value and testing numbers; Conversion scales of different kinds of hardness; Test results can be saved for checking or be printed out by the built-in printer, and with RS232 interface for connecting to the computer. According to the client's requirement, it can be equipped with video measuring device and CCD image automatic measuring system.



## APPLICATION RANGE

Suitable for cast iron, steel products, nonferrous metals and soft alloys etc. Also suitable for some nonmetal materials such as rigid plastics and bakelite etc.

LAS IMAGENES PUEDEN VARIAR DEL ORIGINAL; INFORMACIÓN SUJETA A CAMBIO SIN PREVIO AVISO

## TECHNICAL SPECIFICATIONS

MODEL		XHB-3000Z II
Test force	kgf	62.5kgf, 100kgf, 125kgf, 187.5kgf, 250kgf, 500kgf, 750kgf, 1000kgf, 1500kgf, 3000kg
	N	612.9N, 980.7N, 1226N, 1839N, 2452N, 4903N, 7355N, 9807N, 14710N, 29420N f
Test Range		3.18~653HBW
Loading Method		Automatic (Loading/Dwell/Unloading)
Hardness Reading		Touch Screen Display
Conversion scale		HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS
Data Output		Built-in Printer, RS232 Interface
Shifting Between Objective and Indenter		Automatic Recognition and Shifting (Three Indenters, Two Objectives)
Objective		1×, 2×
Eye piece		20×
Total Magnification		20×, 40×
Resolution		1.25μm, 0.625μm
Dwell Time		0~60s
Máx. Height of Specimen		260mm
Throat		150mm
Power Supply		AC220V, 50Hz
Executed Standard		ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2
Dimension		535×260×890mm, Packing Dimension: 820×460×1170mmNet
Wheight		Weight: 150kg, Gross Weight: 180kg

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## PACKING LIST

NAME	QTY	NAME	QTY
Instrument Main Body	1 Set	20× Digital Measuring Eyepiece	1 Set
1×, 2× Objective	Each 1Pc	Φ2.5mm, Φ5mm, Φ10mm Ball Indenter	Each 1Pc
Small Plane Test Table	1 Pc	Large Plane Test Table	1 Pc
V-Shaped Test Table	1Pc	Power Cable	1Pc
Hardness Block 150~250 HBW 10/3000	1Pc	Hardness Block 150~250 HBW 5/750	1Pc
Fuse 2A	2Pcs	Anti-dust Cover	2Pcs
Usage Instruction Manual	1 Copy		1 Copy

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