

Intelligent automatic Brinell hardness tester MHBS-3000ZD



Features:

Equips 11 levels of test force and 14 kinds of Brinell hardness test scales,

With 4 sets of ball indenters, all of them can automatically participate in the test;

Have two sets of objective lenses, and both can participate in the measurement of the indentation diameter;

the objective lens and the indenter are automatically switched;

Display the measured indentation length, hardness value, measurement times;

Select the conversion value between the hardness scales;

Main Specifications:

Test force	306.45N (31.25kg) 612.9N (62.5kg) 4903N (500kg) 980.7N (100kg) 7355N (750kg) 1226N (125kg) 9807N (1000kg) 1839N (187.5kg) 14710N (1500kg) 2452N (250kg) 29420N (3000kg)
Convertible ruler	HBW 10/3000、HBW 10/1500、HBW 10/1000、HBW 10/500、HBW 10/250、HBW 10/125、HBW 10/100、HBW 5/750、HBW 5/250、HBW 5/125、HBW5/62.5、HBW 2.5/187.5、HBW2.5/62.5、HBW1/31.25
Measuring range	8~650HBW
Loading method	Automatic lifting, loading, loading, unloading, automatic measurement of the worktable
Maximum height of Sample	280mm
Throat	200mm
Main test force loading time	5~8S
Dwell time (s)	0-99 Promise setting
Indenter Objective Conversion	Automatic Turret
Dimensions & Weight	230*600*920mm, 130Kg
Objective lens	1X、2X
Optical path conversion	Automatic
Indenter diameter (mm)	Φ1、Φ2.5、Φ5、Φ10 installed on the same tower
Operating mode	One-button operation: automatic lifting, loading, holding, unloading, CMOS measurement of the table
Indentation image measurement method	Automatic measurement, three-point measurement, box optional
Indentation image repeat measurement accuracy	Repeatability up to ±0.8%
How to display data	10.1 inch industrial grade touch screen
Data output	Output report in WORD and EXCEL form, can be printed out; graphics engine shows more functions
Statistics	Hardness conversion: Brinell-Rockwell-Vickers-Knoop and other hardness value conversions are automatically performed and displayed in real time.