

Automatic Turret Digital Brinell Hardness Tester iBrin-413Z



- 1, Motorized turret, installed 3 indenters (Dia 2.5mm, 5mm, 10mm) and 2 objectives (1X, 2X).
- 2, Pre-set the dwell time of test force and regulate the luminosity of light source;
- 3, Automatically display the testing indentation length, hardness value and testing numbers;
- 4, Support hardness Conversion;
- 5, Test results can be saved for reviewing or be printed out by the built-in printer, and with RS232 interface transfer to computer.
- 6, optional video measuring device and CCD image automatic measuring system.

Technical Specification:

Model		iBrin-413Z
Test Force	kgf	62.5kgf, 100kgf, 125kgf, 187.5kgf, 250kgf, 500kgf, 750kgf, 1000kgf, 1500kgf, 3000kgf
	N	612.9N, 980.7N, 1226N, 1839N, 2452N, 4903N, 7355N, 9807N, 14710N, 29420N
Test Range		3.18~653HBW
Loading Method		Automatic (Loading/Dwell/Unloading)
Hardness Reading		LCD Display
Conversion Scale		HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T,
Data Output		Built-in Printer, RS232 Interface
Turret		Automatic (Three Indenters, Two Objectives)
Objective		1X, 2X
Eyepiece		20X
Total Magnification		20X, 40X
Resolution		1.25 μ m, 0.625 μ m
Dwell Time		0~60s
Vertical Space		260mm
Throat		150mm
Power Supply		AC220V/50Hz/1Ph, AC110V/60Hz/1Ph
Execute Standard		ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2
Dimension		535×260×890mm, Packing Dimension: 820×460×1170mm
Weight		Net Weight: 150kg, Gross Weight: 180kg

Packing List:

Name	Qty	Name	Qty
Instrument Main Body	1 set	20× Digital Measuring Eyepiece	1 pc
1×, 2× Objective	each 1 pc	Φ2.5mm, Φ5mm, Φ10mm Ball Indenter	each 1 pc
Small Plane Test Table	1 pc	Large Plane Test Table	1 pc
V-shaped Test Table	1 pc	Power Cable	1 pc
Hardness Block 150~250 HBW 10/3000	1 pc	Hardness Block 150~250 HBW 5/750	1 pc
Usage Instruction Manual	1 copy	Anti-dust Cover	1 pc