



**AUTOMATIC TESTING AFTER PRELIMINARY TEST FORCE IS LOADED BY HAND**

- Automatic testing after preliminary test force is loaded by hand
- LCD touch screen, easy operation
- Measure indentation by measuring microscope then read the hardness value from LCD
- Low and high limits
- Insert USB flash disk, save the test results as Excel
- Converted to HRA, HRB, HRC, HRD, HRF, HV, HB, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
- Force loading by electric motor, without weights

### SPECIFICATION

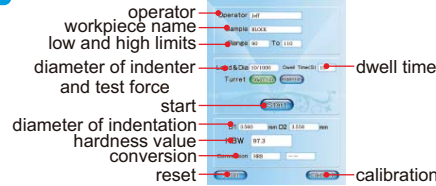
Code	ISHB-D200	ISHB-D300
Turret rotation	manual	automatic
Range	8~650HBW	
Reading mode	directly read from LCD	
Test force	62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500, 3000kgf	
Max. height of workpiece	200mm	
Max. depth of workpiece	155mm (from the center of indenter)	
Stage elevation	manual	
Load control	automatic (load/dwell/unload)	
Load dwell time	5~60 second	
Measuring microscope	magnification	20X
	resolution	0.625mm
Power supply	220V, 50/60Hz **	
Dimension	550x210x750mm	
Weight	110kg	

### OPTIONAL ACCESSORY

Hardness test block 150~250HBW2.5/187.5	ISH-BHB25B
Hardness test block 75~125HBW10/1000	ISH-BHB10A
Hardness test block 175~250HBW10/3000	ISH-BHB10B
Brinell indentation measuring system	ISHB-TSA/TSB

## AUTOMATIC DIGITAL BRINELL HARDNESS TESTERS

### LCD touch screen



**FORCE LOADING BY ELECTRIC MOTOR (WITHOUT WEIGHTS)**



### STANDARD DELIVERY

Main unit	1pc	Ø10mm carbide ball indenter	1pc
Ø80mm flat anvil	1pc	Hardness test block 150~250HBW2.5/187.5	1pc
Ø180mm flat anvil	1pc	Hardness test block 75~125HBW10/1000	1pc
V-type anvil	1pc	Hardness test block 175~250HBW10/3000	1pc
Ø2.5mm carbide ball indenter	1pc	Touch pen	1pc
Ø5mm carbide ball indenter	1pc	Anti-dust cover	1pc
USB flash disk (8G)	1pc		

\*\* Add "-U" on code No. when power supply is 110V, 50/60Hz