

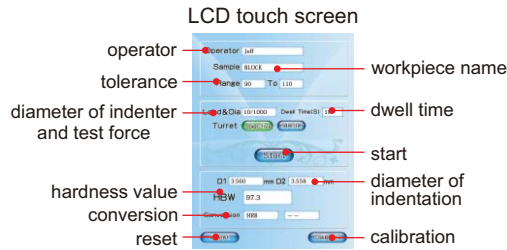
**AUTOMATIC TESTING,  
AUTOMATIC TEST FORCE LOADING**

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

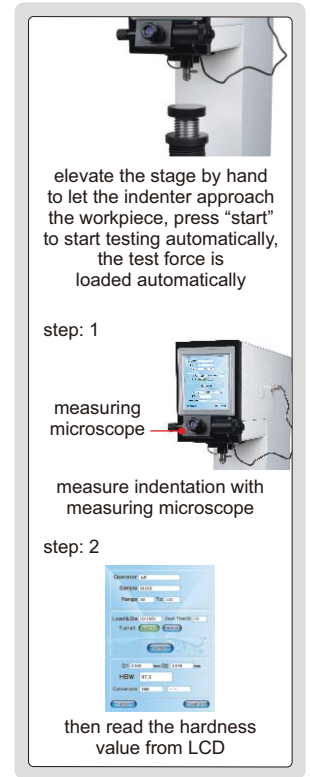
**INSPECTION  
CERTIFICATE**



# AUTOMATIC DIGITAL BRINELL HARDNESS TESTERS



**ISHB-D200**



- Automatic testing, automatic test force loading
- LCD touch screen, easy operation
- Measure indentation by measuring microscope then read the hardness value from LCD
- Tolerance testing
- 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	

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

## STANDARD DELIVERY

Main unit	1 pc
Ø80mm flat anvil	1 pc
Ø200mm flat anvil	1 pc
V-type anvil	1 pc
Ø2.5mm carbide ball indenter	1 pc
Ø5mm carbide ball indenter	1 pc
USB flash disk (8G)	1 pc
Ø10mm carbide ball indenter	1 pc
Hardness test block HBW2.5/187.5	1 pc
Hardness test block HBW10/1000	1 pc
Hardness test block HBW10/3000	1 pc
Touch pen	1 pc
Anti-dust cover	1 pc

## OPTIONAL ACCESSORY

Hardness test block 200~300HBW2.5/187.5	HDTB-HB25A2
Hardness test block 90~200HBW10/1000	HDT-B-HB10C1
Hardness test block 200~300HBW10/3000	HDT-B-HB10A2
Brinell indentation measuring system	ISHB-TSA/TSB