

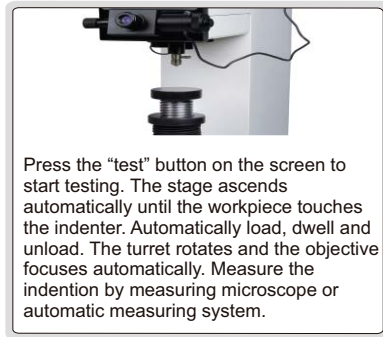
AUTOMATIC DIGITAL BRINELL HARDNESS TESTER

PART NO. HDT-XB500-U

TEST FORCE LOADING BY ELECTRIC MOTOR (WITHOUT WEIGHT)



automatic test



7.87" DIA flat anvil (included)



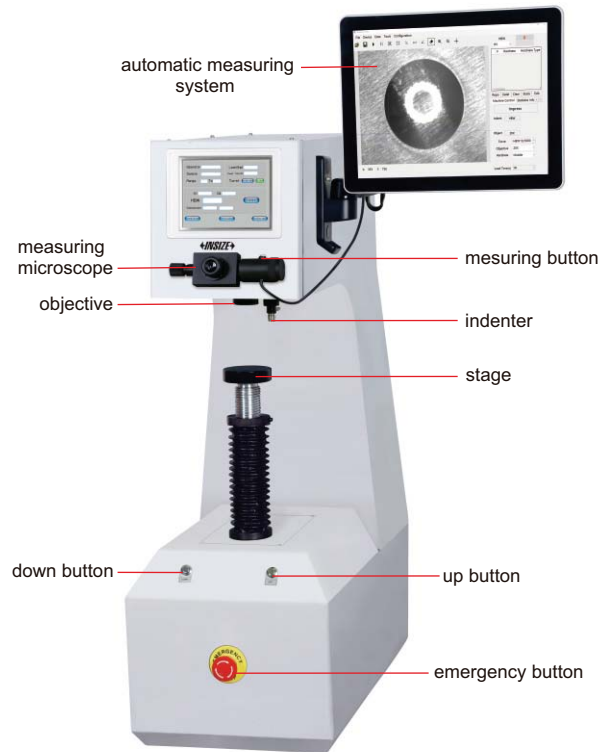
3.15" DIA flat anvil (included)



V-type anvil (included)



touch pen (included)



- Automatic testing
- LCD touch screen, easy operation
- Measure indentation by measuring microscope or automatic measuring system
- Tolerance testing
- Insert USB flash disk, save the test results as Excel
- Force loading by electric motor, without weights
- According to ISO 6506

SPECIFICATION

Turret rotation		automatic
Stage elevation		automatic
Range		8~650HBW
Test force		612.5N/62.5kgf, 980N/100kgf, 1.225kN/125kgf, 1.837kN/187.5kgf, 2.45kN/250kgf, 4.9kN/500kgf, 7.35kN/750kgf, 9.8kN/1000kgf, 14.7kN/1500kgf, 29.4kN/3000kgf
Measuring Accuracy	HBW≤125	±3%
	125<HBW≤225	±2.5%
	HBW>225	±2%
Hardness measuring resolution		0.1HBW
Measuring microscope	eyepiece	20X
	resolution	3.93μin
Load control		automatic (load/dwell/unload)
Load dwell time		0~99 second
Max. workpiece height		12.60" DIA
Max. testing width		9.84" DIA (from the center of indenter to the wall of main body)
Power supply		110V, 50/60Hz
Dimension		27.56×13.39×38.19"
Weight		353lb

STANDARD DELIVERY

Main unit	1 pc
Measuring microscope	1 pc
Automatic measuring system	1 pc
3.15" DIA flat anvil	1 pc
7.87" DIA flat anvil	1 pc
V-type anvil	1 pc
.098" DIA carbide ball indenter	1 pc
.197" DIA carbide ball indenter	1 pc
.394" DIA carbide ball indenter	1 pc
Hardness test block 150~250HBW2.5/187.5	1 pc
Hardness test block 75~125HBW10/1000	1 pc
Hardness test block 175~250HBW10/3000	1 pc
USB flash disk (8G)	1 pc
Touch pen	1 pc
Anti-dust cover	1 pc

OPTIONAL ACCESSORY

10X eyepiece	HDT-XB500-EP10X
15X eyepiece	HDT-XB500-EP15X
Hardness test block	page 715~716
Desk	HDT-DESK