

LOADCELL BASE BRINELL HARDNESS TESTER



APPLICATION RANGE:

Suitable for cast iron, steel products, nonferrous metals and soft alloys etc. Also suitable for some nonmetal materials such as rigid plastics and Bakelite etc.

FEATURES:

- Large test force range: 62.5Kgf to 3000Kgf
- With 10 kinds of measurement scale
- Closed-loop control, with high accuracy load cell, no need installs weights, easy installation and calibration
- Measuring indentation automatically, no need to focus
- Hardness value display on screen, and with hardness conversion function
- One-time casting machine body with car painting design, structure more stable and looking more beautiful
- Digital eyepiece with built-in encoder, just click the encoder button indentation length will input to machine automatically, and machine automatically calculate the hardness value.

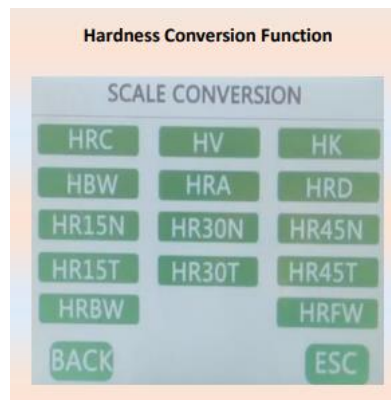
- Large test space: 135mm Depth
- Touch screen interface, menu structure interface, more information display
- Modular design, easy maintenance
- Low noise test process, suitable work at in research labs, school, Industrial plant, etc.



SPECIFICATION:

Model	VB-3000AT
Turret	Automatic turret
Brinell Scale	HBW2.5/62.5, HBW2.5/187.5, HBW5/62.5, HBW5/125, HBW5/250, HBW10/250, HBW5/750, HBW10/100, HBW10/250, HBW10/500 HBW10/1000, HBW10/1500, HBW10/3000
Load Kgf(N)	62.5kgf(612.9N), 100kgf(980.7N), 125kgf(1226N), 187.5kgf(1839N), 250kgf(2452N), 500kgf(4903N), 750kgf(7355N), 1000kgf(8907N), 1500kgf(14710N), 3000kgf(29420N)
microscope magnification	20X
Min measuring unit	0.125μm
Dwell time	1-60s

Hardness range	8-650HBW
Data output	Touch screen display
Test space	200*135mm (H*D)
Power supply	AC220+5%,50~60Hz
Size & Weight	550*210*750mm, 130kg
Executive Standard	ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2



STANDARD ACCESSORIES:

Item	Quantity
Measuring microscope 20X	1
Accessories box	1
Anti dust cover	1
V-type working table	1
Hardness block	3
Manual book	1
Diameter 2.5mm Hard alloy indenter	1
Diameter 5mm Hard alloy indenter	1
Diameter 10mm Hard alloy indenter	1
Medium working table	1
Large working table	1
Quality certificate	1

Professional Brinell Impression (Indentation) Measurement System Software:
Optional Purchase Support Automatic & Manual measurement, get HBW hardness
value and convert value directly, and generate test report in word format



Item	Specification	Quantity
Software dongle	USB key	1
Camera	Portable measuring camera	1
U disk	Include software, Support automatic / manual measure	1
Connect line	Connect camera and computer	1