



VERTEX

FULLY AUTOMATIC INLINE BRINELL HARDNESS TESTER



Support Automatic & Manual measurement, get HBW hardness value and convert value directly, and generate test report in word format. 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.

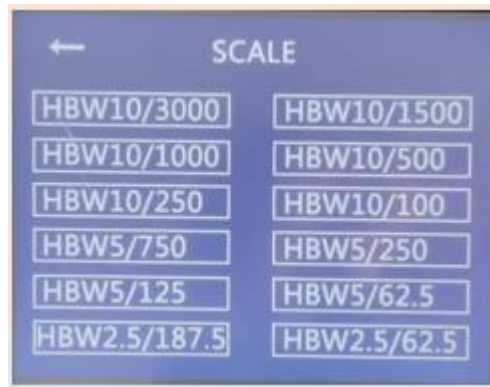
OVERVIEW:

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:

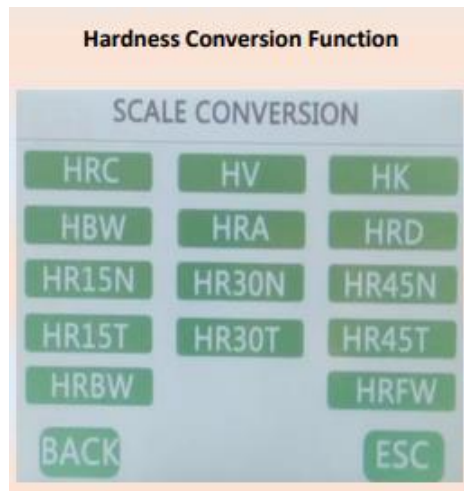
- Large test force range: 62.5Kgf to 3000Kgf
- With 10 kinds of measurement scale
- Closed-loop control, with high accuracy load cell, no need installs weights, easy installation and calibration.
- Measuring indentation automatically, no need to focus
- Hardness value display on screen, and with hardness 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.



TECHNICAL SPECIFICATIONS:

Model	VB-3000AT
Turret	Automatic turret
Brinell Scale	HBW2.5/62.5, HBW2.5/187.5, BW5/62.5, 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

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



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Actual product may differ in color and appearance due to constant development.