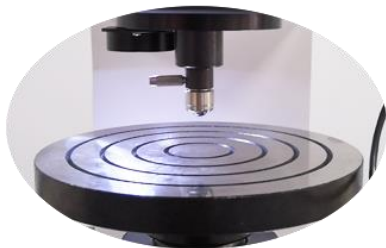




# ADVANCED TOUCH SCREEN DIGITAL BRINELL HARDNESS TESTER



Inbuilt Encoder Eyepiece



Auto / Manual Turret



USB Port



- **VALUE**
- **VERSATILITY**
- **PERFORMANCE**

## **BBAH-3000AT/MT**



**FEATURES:**

1. Large test force range: 62.5Kgf to 3000Kgf
2. With 12 kinds of measurement scale
3. Closed-loop control, with high accuracy load cell, no need installs weights, easy installation and calibration.
4. Measuring indentation automatically, no need to focus
5. Hardness value display on screen, and with hardness conversion function
6. Test force with automatic calibration function, load automatic corrected, much more accuracy
7. Hardness value automatic corrected according to different hardness block
8. Large test space: 155\*200mm (Depth \* Height)
9. Touch screen interface, menu structure interface, more information display
10. Save more samples and test information
11. Support to set a password for protection
12. With USB interface, test data can save to U-flash as EXCEL format, easy edit and process
13. Modular design, easy maintenance
14. Support upgrade to full automatic 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.



**Support convert to 13 kinds of hardness scales**



**8" Touch Screen panel interface:**

**Main interface**

Operator   
Sample   
Range  To   
Load & Dia  Dwell Time(S)   
Turret  objective  Indenter  
**Start**  
D1  D2   
HBW   
Conversion    
**Reset** **Calibrate**

**12 kinds Brinell scales available**

Measurement Scale

<b>2.5/62.5</b>	<b>2.5/187.5</b>	<b>5/62.5</b>
<b>5/125</b>	<b>5/250</b>	<b>5/750</b>
<b>10/100</b>	<b>10/250</b>	<b>10/500</b>
<b>10/1000</b>	<b>10/1500</b>	<b>10/3000</b>

**Return**

**Magnification and Hardness automatic correct**

**Calibration**  
Magnification:   
Load(Kg):   
Pulses: X  Y   
Hardness   
**Save** **Load(Kg)**  
**Return**

**Load automatic correct**

**Force Calibration**  
STD:  kg  
Test:  kg  
**Save** **Return**

**TECHNICAL SPECIFICATIONS:**

Model No.	BBAH-3000AT	BBAH-3000MT
Turret	Automatic turret	Manual turret
Brinell Scale	HBW2.5/62.5 HBW2.5/187.5 HBW5/750 HBW10/100 HBW10/500 HBW10/3000	HBW5/62.5 HBW5/125 HBW5/250 HBW10/1500 HBW10/1000 HBW10/250
Load Kgf(N)	62.5 (612.9), 100 (980.7), 125 (1226), 187.5 (1839), 250 (2452), 500 (4903), 750 (7355), 1000 (9807), 1500 (14710), 3000 (29420)	
Load accuracy	0.1%. Better than normal Brinell hardness tester 1% (above 1000Kgf)	
microscope magnification	20X (option: 10X, 15X, 30X)	
Min measuring unit	0.625µm ( option:0.3125µm)	
Dwell time	5-60s	
Hardness range	8-650HBW	
Data output	LCD display, USB interface saved in USB flash disk (save in Excel format)	
Executive Standard	ISO 6506, ASTM E10-12, JIS Z2243, GB/T 231.2	
Test space	200*135mm (H*D)	
Power supply	AC220±5%,50~60Hz	
Overall Dimension	550*210*750mm	
Net weight	About 90kg	

**STANDARD ACCESSORIES:**

Item Name	Q'ty
Measuring microscope 20X	1
Accessories box	1
Anti dust cover	1
V-type working table	1
Hardness block	3
USB flash disk	1
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