

► HST-HB3000AZF-5

Five-Station Fully Automatic Brinell Hardness Tester

◆ PRODUCT FEATURES

- The force value ranges from 31.25-3000kGF; 12 kinds of Brinell ruler, which can be customized by users;
- Each gear force is automatically compensated, and the precision of the force value (3000Kg) is increased by one order of magnitude to 1/ 1000;
- Automatic turret, indenter position and measurement position automatic conversion;
- When measuring indentation, it is fully automatic focusing without manual adjustment.
- According to the standard block with different force value, the hardness value is automatically corrected.
- Large sample space, large sample can be placed; On - the - go, no need to install the weight, no need to install debugging; Touch screen interface, easy to operate, any language version;
- More sample and test information can be set and saved; Setting parameters of password protection;
- The products are designed and produced by ourselves, with independent intellect



◆ TECHNICAL PARAMETERS

Model	HST-HB3000AZF-5
Brinell hardness scale	HBW2 5/62.5、HBW2 5/187.5、HBW5/125、HBW5/62.5、HBW5/250、HBW5/750、HBW10/100、HBW10/1500、HBW10/3000、HBW10/250、HBW10/500、HBW10/1000
Test force	31.25kgf(306.5N),62.5kgf(612.9N),100kgf(980.7N),125kgf(1226N),187.5kgf(1839N),250kgf(2452N),500kgf(4903N),750kgf(7355N),1000kgf(9807N),1500kgf(14710N),3000kgf(29420N)
Standard	EN ISO 6506、ASTM E-10-08、GB/T231.2、JIS150-2005
Accuracy of test force	31.25 ~ 250kGF ≤ 1%, 500 ~ 3000kGF ≤ 0.5%
Measuring device resolution	0.1 um
Hardness resolution	0.1 HBW
Load holding time	1 ~ 99 s
Maximum allowable specimen height	320 mm
Distance from indenter to wall	170 mm
Hardness value of reading	Automatic measurement
Conversion of hardness value units	Automatic/Vickers, Rockwell
Screen	12-inch display screen
loading procedure	Real-time display of the loading process, with a loading time of less than 8 seconds
Rise and Fall	Automatic lifting, point operation lifting, one-click testing
Automatic load control	Automatic (loading/holding/unloading)
Focus	Automatic focusing, no need for manual lifting and lowering of the lead screw for focusing.
Turret	Automatic
Station	Five stations with 2 objective lenses and 3 pressure heads
Objective	1X、2X
Eyeiece	20X
Total magnification	20X、40X
Size	595*245*1000mm
Weight	135kg
Power supply	AC220±5%,50~60Hz

◆ STANDARD CONFIGURATION

Name	Qty	Name	Qty
Main unit	1 PC	Objective lens 1X,2X	1 PC, each
Large flat anvil	1 PC	Power cable	1 PC
Small flat anvil	1 PC	Spanner	1 PC
V-notch anvil	1 PC	User manual	1 Copy
Ball indenter: Φ2.5, Φ5, Φ10mm	1 pc. each	Packing list	1 Copy
Brinell standardized block	3 PCS	Quality Certificate	1 Copy
Touch screen computer	1 Set	Camera	1 PC
PC computer (built-in)	1 Set	USB interface	4 PCS
HDMI interface	1 PC	Network port	1 PC