

HST-HB3000T-AZF-5 Five-station fully automatic Brinell hardness tester



Product introduction:

- 1) The force value ranges from 62.5-3000kGF; 12 kinds of Brinell ruler, which can be customized by users;
- 2) The Z-axis rises and falls automatically. After placing the sample, it rises automatically and begins to press marks. Electric loading closed-loop control, automatic loading;
- 3) Each gear force is automatically compensated, and the precision of the force value (3000Kg) is increased by one order of magnitude to 1/ 1000;
- 4) Automatic turret, indenter position and measurement position automatic conversion;
- 5) The host comes with three indenters (10, 5, 2.5mm), double objective lens (double magnification 20X/40X), no need to replace the indenter and measuring objective lens for large and small Brinell indentations;
- 6) When measuring indentation, it is fully automatic focusing without manual adjustment.
- 7) According to the standard block with different force value, the hardness value is automatically corrected.
- 8) 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;
- 9) More sample and test information can be set and saved; Setting parameters of password protection;
- 10) The products are designed and produced by ourselves, with independent intellectual property rights and software Copyrights, which can be customized and upgraded for a long time

Technical Parameters:

Model	HST-HB3000T-AZF-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 (Kgf)	62 .5 kgf(612 .9 N) 、 100kgf(980 .7N) 、 125 kgf(1226 N) 、 187 .5kgf(1839N)、 250kgf(2452N) 、 500kgf(4903N) 、 750kgf(7355N) 、 1000kgf(8907N) 、 1500kgf(14710 N) 、 3000kgf(29420 N)
Carried standard	JJG150 、 GB/ T 23 1 .2
Accuracy of test force	62 .5 ~ 250kGF ≤ 1% 500 ~ 3000kGF ≤ 0. 5%
Measuring device resolution	0. 1 um
Hardness resolution	0 1 HBW
Load holding time	0 ~ 99 s
Conversion scale	HV,HK , HRA , HRBW , HRC , HRD , HREW , HRFW , HRGW , HRKW , HR15 N , HRFW , HRGW,HRKW , HR15 N , HR30N,HR45 N , HR15T , HR30T,HR45T
Maximum allowable specimen height	300 mm
Size	700*350*1050mm
Weight	180kg
Package size	850*580*1220mm
Gross weight	249kg

Standard accessories:

Name	Qty	Name	Qty
Main unit	1PC	Objective lens 1X,2X	1 PC. each
Large flat anvil	1PC	Power cable	1PC
Small flat anvil	1PC	Spanner	1PC
V-notch anvil	1PC	User manual	1 copy
Ball indenter: Φ2.5, Φ5, Φ10mm	1 PC. each	Packing list	1 copy
Brinell standardized block	3PCS	Quality Certificate	1 copy
Touch screen computer	1Set	Camera	1PC

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