

HST-HBT3000PC (visual touch screen digital display Brinell hardness tester)



1. Industrial tablet computer integration, support USB expansion
2. Visual display of indentation and automatic hardness measurement
3. Automatically generate WORD report to meet the needs of test personnel

HST-HBT3000PC touch screen digital display Brinell hardness tester, only need to operate a touch tablet computer, easy to get the measurement! And all the parameters required for the test can be selected, modified and analyzed directly on the computer. By linking the CCD measurement and acquisition system, it can display clear indentation image dynamics on the PC in real time, and can also directly lock the indentation to automatically measure the hardness value, automatically save the test data, and generate a report. The operation is very simple and fast, eliminating human measurement errors. With a tablet computer as a platform, more application functions can be extended through the Internet, and devices such as external monitors and printers can also be connected.

Technical parameter:

Product model	HST-HBT3000PC
Brinell Ruler	HBW2.5/62.5/HBW2.5/187.5/HBW5/62.5/HBW5/125/HBW5/250/HBW5/750/HBW10/100/ HBW10/250/HBW10/500/HBW10/1000/HBW10/1500/HBW10/3000
Test force	62.5kgf(612.9N)100kgf(980.7N)125kgf(1226N)187.5kgf(1839N)250kgf(2452N)500kgf(4903N)750kgf(7355N)1000kgf(8907N)1500kgf(14710N)3000kgf(29420N)

Loading control	Automatic (loading/holding/unloading)
Maximum height of specimen	220mm
Indenter-outer wall distance	135mm
Indenter-upper wall distance	55mm (The distance from the indenter to the upper machine wall can be increased by customizing the indenter)
Smallest unit of measurement	0.125um
Dwell time	0~60s
Hardness test range	8~650HBW
Hardness reading	PCAutomatic hardness measurement
Error correction	The system calibrates the hardness at any time
Qualified judgment	The qualified range can be set, and the machine automatically reminds whether it is qualified
Total magnification	20X
Executive standard	EN ISO 6506, , ASTM E-10-08, GB/T231.2, JJG150 -2005
Data output	Built-in printer, hyper terminal.
power supply	AC220 $\pm$ 5%,50~60Hz
Overall size (mm)	520*210*745mm
Host weight	About 125kg