

Digital Display Manual Turret Low Load Brinell Hardness Tester Max Force 62.5Kgf

Model: HBS-62.5



Brief Introduction:

It adopts digital Brinell microscopes with adjustable LED illuminator, it doesn't need the operator to read the detail length of indentation, it only needs operator to aim the D1, D2 diagonal of indentation and press the length key twice above the Microscope, then the built-in computer can compute the Brinell scale and display the final testing result on LCD display automatically;

Easy to use, suitable for the hardness measurement of a large-grained metal material. Such as cast iron, non-ferrous metals and their alloys, various annealed and quenched and tempered steels, and most of the factory-supplied steel, etc.,

Technical Parameters:

Model	HBS-62.5
Test force	1, 5, 10, 15.625, 30, 62.5kgf
Display	5-digit hardness value, 4-digit diagonal length (D1, D2),
Dwell time	1~99 seconds
Loading control	Automatic (load/dwell/unload)
Conversion	Rockwell, Superficial Rockwell, Vickers
Resolution unit	0. 25 μ m(Subject to the choice of objective lens)
Total magnification	Objective: Observe or measure 5X, measurement 10X (support special objective),
Data output	Built-in printer
Vertical Space	Maximum height 165mm
Throat	130mm (Indenter center to inner wall)
Executive standard	Accuracy meets GB231.2, ISO6506-2 and ASTM E10
Power supply	AC220V \pm 5%, 50~60Hz
Instrument weight	About 45kg
Optional accessories	XY table, CCD measurement system.

Accessories:

name	Quantity	name	Quantity
Instrument Main Unit	1	Objective lens 5x, 10x	1
Digital measuring eyepiece 10x	1	Brinell Indenter 1mm, 2.5mm	1
Standard hardness blocks	3	Large, medium and V-type test anvil	1
Power cable	1	Quality certificate, instruction manual	1