

HBM-3000B Gate Type Brinell Hardness Tester



Applications:

It can be used to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc. It is especially suitable for hardness testing of large heavy metal parts.

Features:

Moveable large size worktable

Automatic testing process, no human operating error

Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

Specifications

Measuring range: 32-650HBW

Test force: 7355.3, 9807, 29421N (750, 1000, 3000kgf)

Max. height of test piece: 950mm

Distance between two vertical columns: 1350mm

Max. moving distance of worktable: 1000mm

Max. moving distance of main shaft in cross direction: 500mm

Dimensions of worktable: 1500 x 1000mm

Power supply: 380V AC, 50 or 60Hz

Dimensions: main machine: 2000 x 1800 x 2180mm

Control box: 510 x 500 x 1450mm

Weight: main machine: approx. 3000kg

Control box : approx. 40kg

Standard accessories:

Flat anvil: 1 pc.

20X Readout microscope: 1 pc.

Tungsten carbide ball penetrator: $\Phi 5$, $\Phi 10$ mm, 1 pc. each

Brinell standardized block: 2 pcs.