



MODEL HB-3000 BRINELL HARDNESS TESTER

Feature & Use

- . Mechanical reversing switch
 - . It's steady and reliable for testing of curved surface
 - . Precision conforms to the Standards of GB/T 231.2, ISO 6506-2 and ASTM E10
- It's suitable to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc.

Specifications

Measuring range: 8-650HBW

Test force: 1838.8, 2451.8, 7355.3, 9807, 29421N (187.5, 250, 750, 1000, 3000kgf)

Max. height of test piece: 230mm

Depth of throat: 120mm

Power supply: 380V AC or 220V AC, 50 or 60Hz.

Dimensions: 700 x 268 x 842mm

Weight: approx. 210kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator: $\Phi 2.5$, $\Phi 5$, $\Phi 10$ mm, 1 pc. each

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.



MODEL HB-3000B BRINELL HARDNESS TESTER

Feature & Use

- . Electronic reversing switch
- . It's steady and reliable for testing of curved surface
- . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

It's suitable to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc.

Specifications

Measuring range: 8-650HBW

Test force: 1838.8, 2415.8, 7355.3, 9807, 29421N (187.5, 250, 750, 1000, 3000kgf)

Max. height of test piece: 230mm

Depth of throat: 120mm

Power supply: 220V AC or 110V AC, 50 or 60Hz

Dimensions: 700 x 268 x 842mm

Weight: approx. 210kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator: Φ 2.5, Φ 5, Φ 10mm, 1 pc. each

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.



MODEL HB-3000C ELECTRONIC BRINELL HARDNESS TESTER

Feature & Use

- . Automatic test process, no human operating error
- . Large LCD screen, menu displaying, easy operation
- . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

It's suitable to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc.

Specifications

Measuring range: 4-650HBW

Test force: 612.9, 980.7, 1225.9, 1838.8, 2451.8, 4903.5, 7355.3, 9807, 14710.5, 29421N
(62.5、100、125、187.5、250、500、750、1000、1500、3000kgf)

Max. height of test piece: 240mm

Depth of throat: 150mm

Power supply: 220V AC or 110V AC, 50 or 60Hz

Dimensions: 630 x 250 x 1000mm

Weight: Approx. 250kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator: Φ 2.5, Φ 5, Φ 10mm, 1 pc. each

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.



MODEL HB-3000D MEDIUM BRINELL HARDNESS TESTER

Feature & Use

- . Automatic testing process, no human operating error
 - . High travel, large size work table
 - . Large LCD screen, menu displaying, easy operation
 - . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10
- It's suitable to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc.

Specifications

Measuring range: 8-650HBW

Test force: 1838.8, 2451.8, 7355.3, 9807, 14710.5, 29421N
(187.5, 250, 750, 1000, 1500, 3000kgf)

Diameter of tungsten carbide ball: 2.5, 5, 10mm

Dwelling time of test force: 2-99s

Max. height of test piece: 400mm

Depth of throat: 200mm

Power supply: 220V AC or 110V AC, 50 or 60Hz

Dimensions: 860 x 680 x 1250mm

Height of base: 400mm

Weight: Approx. 400kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator: $\Phi 2.5$ 、 $\Phi 5$ 、 $\Phi 10$ mm, 1 pc. each

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.



MODEL HBM-3000B GATE TYPE BRINELL HARDNESS TESTER

Feature & Use

- . Moveable large size worktable
- . Automatic testing process, no human operating error
- . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

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.

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.

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

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.



MODEL HBS-62.5 DIGITAL DISPLAY LOW LOAD BRINELL HARDNESS TESTER

Feature & Use

- . Automatic testing process, no human operating error
- . Large LCD screen, menu operating, complete function with data processing, hardness value conversion and so on
- . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

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 to determine the Brinell hardness of soft metal materials and small parts.

Specifications

Measuring range: 4-650HBW

Test force: 9.807, 49.03, 98.07, 153.2, 294.2, 612.9N
(1, 5, 10, 15.625, 30, 62.5kgf)

Max. height of test piece: 180mm

Depth of throat: 125mm

Magnifications of measuring system: 125X, 50X

Min. scale value of the optical micrometer: 0.5 μ m

Power supply: 220/110V AC, 50 or 60Hz

Dimensions: 580 x 260 x 730mm

Weight: Approx. 90kg

Standard accessories:

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator: Φ 1, Φ 2.5mm, 1 pc. each

Brinell standardized block: 3 pcs.

Printer: 1 pc.



MODEL HBZ-3000A AUTOMATIC BRINELL HARDNESS TESTER

Feature & Use

- . Automatic testing process, high precision optical grating measuring system, automatic digital display, no human operating & reading errors
- . The attached printer can automatically print out the hardness testing result
- . Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

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 on-line & on-spot determining of the hardness of test pieces in large batches.

Specifications:

Measuring range: 32-650HBW

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

Max. height of test piece: 450mm

Depth of throat: 170mm

Power supply: 380V AC, 50 or 60Hz

Dimensions: main machine --- 920 x 720 x 1760mm

control box --- 510 x 500 x 1450mm

Weight: main machine --- approx. 900kg

control box --- approx. 40kg

Standard accessories:

Flat anvil: 1 pc.

V-notch anvil: 1 pc.

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

Brinell standardized block: 2 pcs.

20X Readout microscope: 1 pc.