



MODEL 200HR-150 (HR-150C) ROCKWELL HARDNESS TESTER

Feature & Use

- . Optimized mechanical frame. Manual testing process, no need for electric controlling
 - . It's steady and reliable for testing of curved surface
 - . Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18
- It's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

Max. height of test piece: 210mm

Depth of throat: 165mm

Min. scale value: 0.5HR

Dimensions: 522 x 293 x 729mm

Weight: approx. 98kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc

1/16" steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.



MODEL 200HRD-150 MOTOR-DRIVEN ROCKWELL HARDNESS TESTER

Feature & Use

- . Optimized mechanical frame, automatic testing process
- . It's steady and reliable for testing of curved surface
- . Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

Max. height of test piece: 210mm

Depth of throat: 165mm

Min. scale value: 0.5HR

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

Dimensions: 522 x 220 x 729mm

Weight: approx. 98kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc

1/16 "steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.



MODEL 200HRS-150 DIGITAL DISPLAY ROCKWELL HARDNESS TESTER

Feature & Use

- . Optimized mechanical frame, automatic testing process , large LCD digital display
- . RS232 data interface
- . It's steady and reliable for testing of curved surface
- . Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It 's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials,

such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60,100,150kgf)

Max. height of test piece: 210mm

Depth of throat: 165mm

Unit for display: 0.1HR

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

Dimensions: 522 x 220 x 729mm

Weight: approx. 98kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc.

1/16" steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.

Printer: 1 pc.



MODEL 300HRSS-150 AUTOMATIC FULL SCALE

ROCKWELL HARDNESS TESTER

Feature & Use

- . Automatic tracking and testing, no test error caused by deformation of frame and workpiece
- . Measuring head can move upwards or downwards and clamp the workpiece automatically, no need to apply preliminary test force by hand
- . The first test is effective
- . RS232 data interface

It's suitable to determine the Rockwell & Superficial Rockwell hardness of ferrous metals, alloy steel and hard alloy, as well as treated layers of metal surface, such as carburized layer, nitrided layer and electroplated coating, etc. It's especially suitable to determine heterotypic workpiece.

Specifications

Test force: Rockwell 588.4, 980.7, 1471N (60, 100, 150kgf)

Superficial Rockwell 147.1, 294.2, 441.3N (15, 30, 45kgf)

Measuring scale: HRA, HRB, HRC, HRD, HRN, HRT (Scales of E, F, G, H, K are optional)

Unit of display: 0.1HR

Moving range of measuring head: 50mm

Output: built-in RS232 interface

Max. height of test piece: 300mm

Depth of throat: 150mm

Dimensions: 1000 x 600 x 450mm

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

Weight: approx. 125kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc

1/16" steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.

Superficial Rockwell standardized block: 6 pcs.



MODEL HR-150A ROCKWELL HARDNESS TESTER

Feature & Use

- . Manual testing process, no need for electric controlling
- . It's steady and reliable for testing of curved surface
- . Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

Max. height of test piece: 170mm

Depth of throat: 135mm

Min. scale value: 0.5HR

Dimensions: 466 x 238 x 630mm

Weight: approx. 65kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc
1/16" steel ball penetrator: 1 pc.
Rockwell standardized block: 5 pcs.



MODEL HR-150B ROCKWELL HARDNESS TESTER

Feature & Use

- . High travel of test anvil in vertical direction and it is suitable for testing of large test piece
- . Manual testing process, no need for electric controlling
- . It's steady and reliable for testing of curved surface
- . Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

Max. height of test piece: 400mm

Depth of throat: 160mm

Min. scale value: 0.5HR

Dimensions: 548 x 326 x 1025mm

Weight: approx. 140kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc.

1/16" steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.



MODEL HRD-150 ROCKWELL MOTOR-DRIVEN HARDNESS TESTER

Feature & Use

- . Frictionless loading shaft, high precision testing force
- . Automatic testing process, no human operating error
- . Precision conforms to the Standards of GB/T230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC
Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)
Max. height of test piece: 170mm
Depth of throat: 130mm
Min. scale value: 0.5HR
Power supply: 220V AC or 110V AC, 50 or 60Hz
Dimensions: 500 x 250 x 700mm
Weight: approx. 75kg

Standard accessories

Large flat anvil: 1 pc.
Small flat anvil: 1 pc.
Large V-notch anvil: 1 pc.
Diamond cone penetrator: 1 pc.
1/16" steel ball penetrator: 1 pc.
Rockwell standardized block: 5 pcs.



MODEL HRS-150 DIGITAL DISPLAY ROCKWELL HARDNESS TESTER

Feature & Use

- . Frictionless loading shaft, high precision testing force
- . After preliminary test force is applied, the handwheel will lock automatically. Automatic testing

process, no human operating error

. Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It is suitable to determine the Rockwell hardness of ferrous, non-ferrous metals and non-metal materials. It can be widely applied in the Rockwell hardness testing for heat treatment materials, such as quenching, hardening and tempering, etc.

Specifications

Measuring range: 20-88HRA, 20-100HRB, 20-70HRC

Test force: 588.4, 980.7, 1471N (60, 100, 150kgf)

Max. height of test piece: 170mm

Depth of throat: 130mm

Unit for display: 0.1HR

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

Dimensions: 500 x 250 x 700mm

Weight: approx. 75kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

Large V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc.

1/16" steel ball penetrator: 1 pc.

Rockwell standardized block: 5 pcs.

Printer: 1 pc.



MODEL HRSS-150 DIGITAL ROCKWELL & SUPERFICIAL ROCKWELL HARDNESS TESTER

This tester features high measuring accuracy, reliable performance and applicable to wide fields. It is used for hardness testing of all kinds of Rockwell and Superficial Rockwell.

This tester has big screen to display. It has a lot of functions such as scale selection, match hint of indenter, contrast for Brinell, Rockwell and Vickers hardness value, keeping the increase and decrease of time, data dispose, storage, pick up, print, adjustment of illuminating brightness, and RS-232 computer output as well.

Suitable range: HRA.B.C.D.E.F.G.H.K
and HR15N.T; 30N.T; 45N.T (scale)

It serves to measure the hardness of hard metals, carburizing steels, quenching steels, mild steels, hard cast irons, Al, Cu and malleable irons.

Main Specification

Preliminary test force: 29.4, 98.07N(3, 10Kg)

Total test force: 147.1, 294.2, 441.3, 588.4, 980.7, 1471N
(15, 30, 45, 60, 100, 150kgf)

Test force holding time: 0 ~60S

Test force holding and releasing method: Automatic

Display method: Back light LCD screen

Data dispose: CPU

Others: HR, HB, HV, HK etc. hardness number for contrast

Automatic print

RS232 computer output

Sample Max size: Working table to indenter 180.00mm

The center of the indenter to the arm of
the machine 160.00mm

Dimension (L x W x H): 550 x 260 x 800mm

Net weight: Approx. 67Kg

Power supply: AC 220V \pm 5%, 50~60Hz

Main Accessory

Diamond indenter: 1pc.

Ball indenter: 1pc.

Working tables: 3 pcs.

Hardness blocks: 5 pcs.

(HRC higher 1 pc.)

(HRC lower 1 pc.)

(HRB 1 pc.)

(HRN 1 pc.)

(HRT 1 pc.)



MODEL HSRD-45

MOTOR-DRIVEN SUPERFICIAL ROCKWELL HARDNESS TESTER

Feature & Use

- . Frictionless loading shaft, high precision testing force
- . Automatic testing process, no human operating error
- . Precision conforms to the Standards of GB/T230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Superficial Rockwell hardness of ferrous metals, alloy steels and hard alloys, as well as treated layers of metal surface, such as carburized layer, nitrided layer and electroplated coating, etc.

Specifications

Measuring range: 70-91HR15N, 42-80HR30N, 20-77HR45N

73-93HR15T, 43-82HR30T, 12-72HR45T

Test force: 147.1, 294.2, 441.3N (15, 30, 45kgf)

Max. height of test piece: 150mm

Depth of throat: 120mm

Min. scale value: 0.5HRN (T)

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

Dimensions: 500 x 250 x 700mm

Weight: approx. 75kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc.

1/16" steel ball penetrator: 1 pc.

Superficial Rockwell standardized block: 4 pcs.



MODEL HSR-45 DIGITAL DISPLAY SUPERFICIAL ROCKWELL HARDNESS TESTER

Feature & Use

- . Frictionless loading shaft, high precision testing force
- . After preliminary test force is applied, the handwheel will lock automatically. Automatic testing process, no human operating error

. Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18

It's suitable to determine the Superficial Rockwell hardness of ferrous metals, alloy steels and hard alloys, as well as treated layers of metal surface, such as carburized layer, nitrided layer and electroplated coating, etc.

Specifications

Measuring range: 70-91HR15N, 42-80HR30N, 20-77HR45N

73-93HR15T, 43-82HR30T, 12-72HR45T

Test force: 147.1, 294.2, 441.3N (15, 30, 45kgf)

Max. height of test piece: 150mm

Depth of throat: 120mm

Unit for display: 0.1HRN (T)

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

Dimensions: 500 x 250 x 700mm

Weight: approx. 68kg

Standard accessories

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Diamond cone penetrator: 1 pc.

1/16" steel ball penetrator: 1 pc.

Superficial Rockwell standardized block: 4 pcs.

Printer: 1 pc.