

Model HRSS-150C



Features and Application:

Model HRSS-150C is a newly designed automatic full scale digital Rockwell hardness tester. The main features are as follows:

- Ø Test force closed-loop control;
- Ø Automatic tracking and testing, no test error caused by deformation of frame and workpiece;
- Ø Measuring head can move upwards or downwards and automatically clamp the workpiece, no need to apply preliminary test force by hand;
- Ø High accuracy optical grating displacement measuring system;
- Ø Large test table, which is suitable for testing of abnormal shape and heavy workpieces;
- Ø Large LCD display, menu operation, complete functions (data processing, hardness conversion between different hardness scales etc.);
- Ø RS232 data interface ;
- Ø Equipped with printer
- Ø Optional upper-computer equipped with special software;
- Ø Precision conforms to GB/T 230.2, ISO 6508-2 and ASTM E18

Model HRSS-150C

Main technical parameter:

Hardness scale:

HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV, HR15N,

HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X,
HR15Y, HR30Y, HR45Y

Pre-load: 29.4N (3kgf) , 98.1N (10kgf)

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

Resolution: 0.1HR

Output: In-built RS232 Interface

Max. height of test piece: 300mm

Depth of throat: 150mm

Dimension: 669*477*877mm

Power supply: 220V/50Hz

Weight: About 130kg

Main 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.

Printer: 1 pc.

Sales and Service

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