

MAIN FUNCTIONS

560RSSZ Automatic double Rockwell hardness tester with a good aesthetic aspect, complete functions, easy operation, intuitive display and good reliability, is a high-tech product combining the mechanic and electric features, which is suitable for the Rockwell and superficial Rockwell hardness test.

1. Support for all the Rockwell and superficial Rockwell scales.
2. Support for conversion scales of different kinds of hardness.
3. Touch screen display and operation, dynamically display the working state of the lifting screw and the indenter.
4. Press operation for the test table, fast rising or dropping.
5. One key to complete the rising of the specimen, loading dwell and unloading of the indenter, displaying of the hardness value, homing of the test table.
6. With data storage function, automatic calculation of the maximum, minimum, average of the hardness value, the test results can be printed for output, and with a RS232 interface users can connect it to the computer for output.



APPLICATION RANGE

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

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TECHNICAL SPECIFICATIONS

MODEL	560RSSZ
Initial Test Force	3kgf (29.42N), 10kgf (98.07N)
Total Test Force	15kgf (147.1N), 30kgf (294.2N), 45kgf (441.3N), 60kgf (588.4N), 100kgf (980.7N), 150kgf (1471N)
Indenter	Diamond Rockwell Indenter, ϕ 1.588mm Ball Indenter
Loading Method	Automatic (Loading/Dwell/Unloading)
Automatic Test Table	Automatic Rising and Homing, One Key to Complet
Hardness Reading	Touch Screen
Test Scale	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HBW
Data Output	RS232 Interface
Resolution	0.1HR
Dwell time	0~99s
Max. Height of Specimen	320mm
Throat	150mm
Power supply	AC220V, 50Hz
Execute standard	ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2
Dimension	535×330×890mm, Packing Dimension: 820×460×1170mm
Weight	Net Weight: 80kg, Gross Weight: 100kg

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PACKING LIST

NAME	QTY	NAME	QTY
Instrument Main Body	1 Set	Diamond Rockwell Indenter	1 Pc
φ1.588mmBall Indenter	1Pc	Middle Plane Test Table	1Pc
Large Plane Test Tabl	1 Pc	V-shaped Test Table	1 Pc
Hardness Block 60~70 HRC	1Pc	Hardness Block 20~30 HRC	1Pc
Hardness Block 80~100 HRB	1Pc	Hardness Block70~85 HR30T	1Pc
Hardness Block 65~80 HR30N	1Pc	Fuse 2A	2Pcs
Power Cable	1Pc	Anti-dust Cover	1 Copy
Usage Instruction Manual	1 Copy		

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