

# Digital Twin Rockwell Hardness Tester 560RSS



## Description:

- 560RSS is an effective and affordable hardness testing machine with novel appearance and unique inside structure, features high measuring accuracy, reliable performance and applicable to wide fields, it is applicable to measure hardness testing of both Rockwell and Superficial Rockwell.
- It can measure the hardness of hard metals, carburizing steels, quenching steels, hard cast irons, mild steels, A1, Cu and malleable irons.
- 560RSS has a large LCD screen to display the measuring data, and it has hardness conversion between Rockwell, Brinell, and Vickers. It also has other functions, such as, dwell time adjustment, data dispose, storage, printing and RS-232 output, etc.

## Specifications:

Product Name	Digital Twin Rockwell Hardness Tester
Model	560RSS
Rockwell Scales	HRA HRB HRC HR15N HR30N HR45N HR15T HR30T HR45T
Preliminary Test Force	3Kgf (29.4N) 10kgf (98.7N)
For Superficial Rockwell Testing	15Kgf (147.1N) 30Kgf (294.2N) 45Kgf (441.3N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Digital LCD Display
Resolution	0.1HR
Loading Control	Automatic
Data Output	RS 232/Printer
Auto Hardness Conversion	HRC HRB HRA HV HK HBW etc
Max. Height Of Specimen	180mm
Instrument Throat	160mm
Dimension (LxWxH)	520 x215 x700mm
Packing Dimension	630 x440 x960mm
Gross/Net Weight	120Kg/90Kg
Execution Standard	GB/T230.2 JJG112 EN-ISO 6508 ASTME-18

## Standard Packing List

- Hardness Block HRT
- Hardness Block HRN
- Hardness Block (57-70) HRC
- Hardness Block (20-33) HRC
- Hardness Block (85-100) HRB
- Cone diamond Indenter
- Ø1.588mm Ball Indenter
- Ø1.588mm Steel Ball
- Ø 150mm Flat Anvil
- Ø 55mm V-shape Anvil
- Weight A/B/C
- Instrument Fuse
- Mini-Printer
- Power Cable
- Accessories Box
- Instrument Manual

## Optional Accessories:

Optional Item	Optional Item	Optional Item
1/8" Steel Ball Indenter	Ø 1/8" Steel Ball	Ø 100mm Flat Anvil
1/4" Steel Ball Indenter	Ø 1/4" Steel Ball	Small Flat Anvil
1/2" Steel Ball Indenter	Ø 1/2" Steel Ball	Ø 1/16" Steel Ball