

Digital Rockwell Hardness Tester Vexus SHR-150C

Vexus SHR-150C is an effective automatic digital Rockwell testing machine with high accuracy, Reliability and durability, it is applied at the workshops and measurement departments for determining the Rockwell hardness of the material of ferrous and non-ferrous metals.



Vexus SHR-150C (811-131)

Vexus SHR-150C Characteristic:

- Vexus SHR-150C is a half automatic and intelligent hardness testing machine, except to lift up the anvil to touch the specimen and select the test force: 60Kgf(588.4N), 100Kgf(980.7N) and 150Kgf(1471N) in hand-knob manually, the other operations are entirely automatic.
- The testing force, the process of loading, dwell and unloading, the hardness testing value, and the corresponding converted scale are displayed on LCD screen automatically.
- Vexus SHR-150C system will remind the operator to select the corresponding testing force and indenter after scale choosing, and the automatic hardness testing and digital 0.1HR resolution display avoids the man-made error and enhance the measuring accuracy.
- Vexus SHR-150C force knob adopts the metal material to replace the plastic material, it improves the instrument using-life greatly;
- Vexus SHR-150C hardness conversion among 14 hardness scales: HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, it doesn't need the operator to trace and check the fussy hardness comparison table again.
- Vexus SHR-150C saves, displays and analyzes the value of maximum, minimum, average and tolerance automatically, the mini-printer Prints the main measuring data automatically, and it supports PC communication in RS232 interface and cable.

Specifications	Vexus SHR-150C(811-131)
Rockwell Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRR
Preliminary test force	10Kgf(98.07N)
All Testing Force	60Kgf (588.4N), 100Kgf (980.7N), 150Kgf (1471N)
Hardness Indication	Digital LCD Display
Hardness Resolution	0.1HR
Dwell Time	Adjustable 1 ~ 60S
Auto Hardness conversion	HRA, HRB, HRC, HRD, HRF, HV, HK, HBW, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T
Max. Height of Specimen	175mm
Instrument Throat	165mm
Dimension (LxWxH)	520x215x700mm
Packing Dimension	630x440x960mm
Gross/Net Weight	120/90Kg
Power Supply	AC220V /50Hz;110V/60Hz
Accuracy	Conform to GB/T230.2; ASTM E-18; ISO6508



Vexus SHR-150C panel



Ø 150mm flat anvil



Ø 55mm flat anvil and V-shape anvil



Hardness Blocks



Indenter Protective Device



Rockwell Indenters

Standard Delivery	Order #	Standard Delivery	Order #	Standard Delivery	Order #
Instrument main body	811-131	Hardness block (57-70) HRC	811-601	Weight A	811-711
Mini-printer	811-831	Hardness block (20-33) HRC	811-611	Weight B	811-721
Accessories box	811-901	Hardness block (85-100) HRB	811-621	Weight C	811-731
Ø1.588mm ball indenter	811-411	Ø 55mm flat anvil	811-511	Instrument Manual	SHR-150C
Ø1.588mm steel ball	811-421	Ø 55mm V-shape anvil	811-521	Power cable	811-801
Cone diamond indenter	811-401	Ø 150mm flat anvil	811-541	Instrument Fuse	811-811

Optional Accessories	Order #	Optional Accessories	Order #	Optional Accessories	Order #
1/8"Steel Ball Indenter	811-431	Ø1/8" Steel Ball	811-441	Ø 100mm Flat Anvil	811-531
1/4"Steel Ball Indenter	811-451	Ø 1/4" Steel Ball	811-461	Small Flat Anvil	811-501
1/2"Steel Ball Indenter	811-471	Ø 1/2" Steel Ball	811-481	Ø 1/16" Steel Ball	811-421