

Electronic Rockwell Hardness Tester Vexus SHR-150E

Vexus SHR-150E is an effective electronic 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 ferrous and non-ferrous metals.



Vexus SHR-150E (811-121)

Vexus SHR-150E Characteristic:

- Vexus SHR-150E analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution;
- Vexus SHR-150E dwell time from 1 to 60S can be setup by the "time key" on the panel, it is much convenient than the setup on the manual hardness tester;
- Vexus SHR-150E force knob adopts the metal material to replace the plastic, it improves the instrument using-life a lot;
- Vexus SHR-150E loading, dwell and unloading is driven by electronic motor automatically, doesn't need the operator to handle it, it eliminates the human operating error maximumly.
- Vexus SHR-150E indenter protector is available to improve the using lifetime of indenter.

Specifications	Vexus SHR-150E(811-121)
Rockwell Scales	HRA, HRB, HRC
Preliminary test force	10Kgf(98.07N)
All Testing Force	60Kgf (588.4N), 100Kgf (980.7N), 150Kgf (1471N)
Hardness Indication	Analogue Display
Hardness Resolution	0.5HR
Dwell Time	Adjustable 1 ~ 60S
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 ASTM E-18; ISO6508



Hardness Blocks



Ø 150mm flat anvil



Ø 55mm flat anvil and V-shape anvil

Standard Delivery	Order #	Standard Delivery	Order #	Standard Delivery	Order #
Instrument main body	811-121	Hardness block (57-70) HRC	811-601	Weight A	811-711
Accessories box	811-901	Hardness block (20-33) HRC	811-611	Weight B	811-721
Power cable	811-801	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-150E
Ø1.588mm steel ball	811-421	Ø 55mm V-shape anvil	811-521	Instrument Fuse	811-811
Cone diamond indenter	811-401	Ø 150mm flat anvil	811-541		

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