

Electronic Universal Hardness Tester SHR187.5



Features:

- SHR187.5 is a universal hardness testing instrument for the measurement of Brinell, Rockwell and Vickers scale.
- SHR187.5 equips 7 testing force and 5 indenter, it is universal to measure a lot of material.
- SHR187.5 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;
- SHR187.5 force knob adopts the metal material to replace the plastic, it improves the instrument using life greatly;
- SHR187.5 loading, dwell and unloading is driven by electronic motor automatically, doesn't need the operator to handle it, it eliminates the human operating error maximum.

Specifications:

Commodity	Electronic Universal Hardness Tester
Model	SHR187.5
Order	811141
Rockwell Scales	HRA, HRB, HRC
Rockwell Testing Force	60Kgf(588.4N)、100Kgf(980.7N)、150Kgf(1471N)
Brinell Scales	HBW1/30、HBW2.5/62.5、HBW10/100、HBW2.5/187.5
Brinell Testing Force	31.25Kgf(306.5N)、62.5Kgf(612.9N)、187.5Kgf(1839N)

Hoyamo Precision Instrument Limited

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Vickers Scales	HV 30、HV100
Vickers Testing Force	30Kgf(294.2N)、100Kgf(980.7N)
Rockwell Hardness Indication	Analogue Display
Rockwell Resolution	0.5HR
Loading Control	Electronic
Magnification of Microscope	Brinell:37.5x; Vickers:75x
Dwell Time	Adjustable 2~60s
Max. Height Of Specimen	Rockwell:170mm; Brinell, Vickers:140mm
Instrument Throat	165mm
Dimension(LxWxH)	520 x215 x700mm
Packing Dimension	650 x370 x960mm
Power supply	AC 220V/50Hz;AC110V/60Hz
Gross/Net Weight	110Kg/90Kg
Execution Standard	ISO 6508, ASTM E18, JIS Z2245, GB/T230

Standard Delivery:

Commodity	Order	Commodity	Order
Instrument	811141	Ø1.588mm Ball Intender	811411
Hardness Block (2033) HRC	811611C	Vickers Intender	821401
Hardness Block (5770) HRC	811641C	Φ2.5mm Brinell Intender	831431
Hardness Block (85100) HRB	811641B	Φ5mm Brinell Intender	831421
Hardness Block HV30	821631	Cone Diamond Intender	811401
Hardness Block HBW2.5/187.5	831621	Ø150mm Flat Anvil	811541
Slide Testboard	/	Ø60mm Flat Anvil	811521
Set of Weights	/	Ø40mm Vshape Anvil	811511
Microscope	/	Power Cord	811801
15X Electronic Measuring Eyepiece	831351	Bubble Level Meter	811931
2.5X Electronic Measuring Eyepiece	831251	Toolbox	811901
5X Vickers Objective	831261	Dust Cover	811911
Warranty Card / Qualified Certificate	SHR187.5	Operation Manual / Packing List	SHR187.5

Optional Accessories:

Commodity	Order	Commodity	Order	Commodity	Order
1/8" Ball Intender	811431	1/4" Ball Intender	811451	1/2" Ball Intender	811471
Ø1/8" Steel Ball	811441	Ø 1/4" Steel Ball	811461	Ø 1/2" Steel Ball	811481

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