



ELECTRONIC SUPERFICIAL ROCKWELL HARDNESS TESTER RoboSuper – 45E

STANDARD

ISO 6508, ASTM E18, JIS Z2245, GB/T230

RoboSuper-45E is an effective manual superficial Rockwell Hardness Tester machine with high accuracy, reliability and durability, it is applied at the workshops and measurement departments for determining the superficial Rockwell hardness of the material of ferrous and non-ferrous metals.





FEATURES

- RoboSuper-45E analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution
- RoboSuper-45E dwell time from 1to 60s can be setup by the “time key” on the panel , it is much convenient than the setup on the manual hardness tester
- RoboSuper-45E force knob adopts the metal material to replace the plastic
- RoboSuper-45E loading, dwell and unloading is buffering by electronic motor automatically ,doesn't need the operator's involvement , thus eliminates the human operation error
- RoboSuper-45E indenter protector is available to improve the lifetime of indenter.

TECHNICAL SPECIFICATION

Product Name	Electronic Superficial Rockwell Hardness Tester
Model	RoboSuper-45E
Rockwell Scales	HR15N,HR30N,HR45N,HR15T,HR30T,HR45T
Preliminary Test Force	3Kgf(29.42N)
Test Force	15Kgf(147.1N),30Kgf(294.2N),45Kgf(441.3N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Analogue Display
Resolution	0.5HR
Loading Control	Electronic
Max. Height	175mm
Instrument Throat	165mm
Dimension(LxWxH)	520 x215 x700mm
Packing Dimension	630 x440 x960mm
Power supply	AC 220V/50Hz;AC110V/60Hz
Gross/Net Weight	120Kg/90Kg

SCOPE OF SUPPLY

RoboSuper-45E unit	Hardness Test Block HR30T
Hardness Test Block H15N	Hardness Test Block HR30N
Ø 1.588mm Ball indenter	Ø 1.588mm Steel Ball
Cone Diamond indenter	Ø 150mm Flat Anvil
Ø 40mm V-shape Anvil	Weight 1, weight 2, weight 3
Instrument Manual	Accessory box
Anti Dust Cover	Test Certificate



Hardness Block



Ø 150mm Flat Anvil



Ø 55mm Flat Anvil
& V-shape Anvil