



## MANUAL SUPERFICIAL ROCKWELL HARDNESS TESTER RoboSuper – 45M

### STANDARD

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

RoboSuper-45M 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

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- RoboSuper-45M analogue gauge resolution is 0.5HR, it is useful to improve the reading accuracy than traditional 1HR resolution
- RoboSuper-45M force knob adopts the metal material to replace the plastic, it largely improves the instrument using-life
- RoboSuper-45M loading, dwell and unloading is buffering by oil pump, it eliminate the human errors.
- RoboSuper-45M indenter protector is available to improve the using lifetime of indenter.

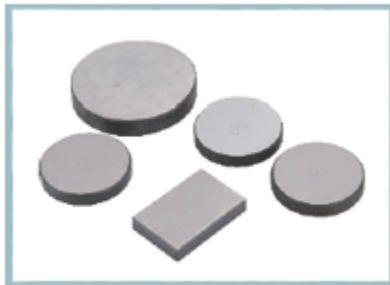
## TECHNICAL SPECIFICATION

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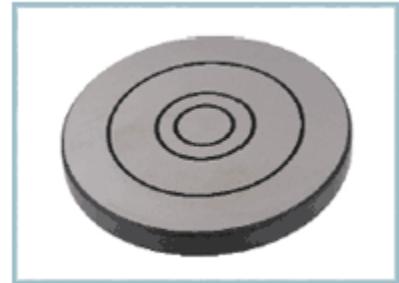
Product Name	Manual Superficial Rockwell Hardness Tester
Model	RoboSuper-45M
Rockwell Scales	HR15N,HR30N,HR45N,HR15T,HR30T,HR45T
Preliminary Test Force	3Kgf(29.42N)
Test Force	15Kgf(147.1N),30Kgf(294.2N),45Kgf(441.3N)
Dwell Time	Adjustable 1-60s
Hardness Indication	Analogue Display
Resolution	0.5HR
Loading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

## SCOPE OF SUPPLY

RoboSuper-45M 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