

# Manual Superficial Rockwell Hardness Tester

**Model: JG-101S**



**(For reference only)**

## Equipment Usage

- It can be used to test the Rockwell hardness of hard alloy, carburized steel, hardened steel, surface quenched steel, hard cast steel, aluminum alloy, copper alloy, malleable cast, mild steel, tempered steel, annealed steel, bearing steel, etc.

## Features

- The machine body adopts cast iron structure, which is strong and durable, thus it can be used in various harsh conditions.
- Lever loading, manual operation; no need for electric controlling
- Frictionless loading shaft, high precision testing force
- Precision conforms to the Standards of GB/T 230.2, ISO 6508-2 and ASTM E18



### Technical Specifications

Model	JG-101S
Measuring range	70-91HR15N, 42-80HR30N, 20-77HR45N, 73-93HR15T, 43-82HR30T, 12-72HR45T
Initial test force	3Kgf (29.42N)
Total Test force	147.1, 294.2, 441.3N (15, 30, 45Kgf)
Hardness value reading	Dial gauge
Carriage control	Manual loading / unloading
Max. Height of test piece	210mm
Depth of throat	160mm
Min. Scale value	0.5HR
Dimension	510 x 220 x 700 (mm)
Package dimension	620 x 490 x 780 (mm)
Weight	85/100Kg

### Standard Delivery

Main unit	1 Set
Large flat anvil	1 Pc
Small flat anvil	1 Pc
V-notch anvil	1 Pc
Diamond cone penetrator	1 Pc
Steel ball penetrator $\phi$ 1.588mm	1 Pc
Steel ball $\phi$ 1.588mm	5 Pcs
Superficial Rockwell standard blocks	4 Pcs
Screw driver	1 Pc
Auxiliary box	1 Pc
Dust cover	1 Pc
Operation manual	1 Pc
Certificate	1 Pc

