

Automatic Digital Display Double  
Rockwell Hardness Tester  
Model: JG-107



(For reference only)

Equipment Usage

Suitable for ferrous metal, alloy steel, hard metal, and superficial Rockwell hardness of metals after surface treatment such as carburized layer, nitride layer and electroplated coatings.



## Features

- 8" Touch screen and STM32 single-chip processor;
- Can operate automatically;
- Closed-loop control of test forces;
- High precision grating displacement measurement system;
- Large work platform which can measure irregular and heavy work pieces;
- Automatic tracing and measuring;
- Menu operation, complete function, convenient use and steady reading RS232 interface;
- Inbuilt measuring software and inbuilt printer;



## Technical Specifications

Model	JG-107
Test force	Rockwell: 588.4, 980.7, 1471N (60, 100, 150Kgf) Superficial Rockwell: 147.1, 294.2, 441.3N (15, 30, 45Kgf)
Measurement scales	HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Conversion scale	HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW
Resolution	0.1HR
Output	RS232 Interface
Max. height of test Specimen	180mm
Depth of throat	165mm
Power supply	220V AC , 50Hz
Dimension	910 x 535 x 220 (mm)
Weight (approx...)	85Kg



### Main Accessories

Description of Goods	Quantity
Large plane test table	1 Pc
Small plane test table	1 Pc
V shape test table	1 Pc
Standard superficial Rockwell hardness test block	4 Pcs
Standard Rockwell hardness test block	5 Pcs
Diamond cone penetrator	1 Pc
1/16" steel ball penetrator	1 Pc
Power cable	1 Pc
Fuse	2 Pcs
Orizontal regulating screw	4 Pcs
Spanner	1 Pc
Anti-dust cover	1 Pc
User manual	1 Pc

