

Automatic Full Scale Digital Rockwell Hardness Tester

Model: JG-108



(For reference only)

Equipment Usage

JG-108 is a newly designed automatic full scale digital Rockwell hardness tester.



Features

- Test force closed-loop control;
- Automatic tracking and testing, no test error caused by deformation of frame and workpiece;
- Measuring head can move upwards or downwards and automatically clamp the workpiece, no need to apply preliminary test force by hand;
- High accuracy optical grating displacement measuring system;
- Large test table, which is suitable for testing of abnormal shape and heavy workpieces;
- Large LCD display, menu operation, complete function (data processing, hardness conversion between different hardness scales etc.);
- RS232 data interface;
- Equipment with printer
- Optional upper-computer equipment with special software;
- Precision conforms to GB/T 230.2, ISO 6508-2 and ASTM E18

Main Accessories

Description of Goods	Quantity
Large flat anvil	1 Pc
Small flat anvil	1 Pc
V-notch anvil	1 Pc
Diamond cone penetrator	1 Pc
1/16" steel ball penetrator	1 Pc
Rockwell standardized block	5 Pcs
Superficial Rockwell standardized block	6 Pcs
Printer	1 Pc



Technical Specifications

Model	JG-108
Hardness scale	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15Y, HR30Y, HR45Y
Pre-load	29.4N (3Kgf), 98.1 (10Kgf)
Total test force	147.1N (15Kgf), 294.2N (30Kgf), 441.3N (45Kgf), 588.4N (60Kgf), 980.7N (100Kgf), 1471N (150Kgf)
Resolution	0.1HR
Output	In-built RS232 Interface
Max. height of test piece	300mm
Depth of throat	150mm
Power supply	220V AC / 50Hz
Dimension	669 x 477 x 877 (mm)
Weight (approx...)	130Kg

