

HRS-150D Digital Rockwell hardness tester



HRS-150D digital Rockwell hardness tester, the loading, holding and unloading process of the test force is controlled by the motor, and the holding time can be selected. The operation is simple and rapid, no man-made operation error, with high sensitivity and stability.

Product introduction:

1. The motor controls the loading, loading and unloading of the test force, and the loading time can be set;
2. The fuselage uses high-quality cast iron for one-time casting molding, and is matched with automobile baking varnish treatment process, with a round and beautiful appearance;
3. The dial directly reads the hardness value, and can be equipped with other Rockwell scales, such as HRD, HRF and other hardness scales;
- 4, the use of non-friction spindle, high precision test force;
- 5, through the motor to control the test force of the loading, loading, unloading, eliminating the manual Rockwell hardness tester human operation error;
6. The accuracy conforms to GB/T230.2-2018, ISO6508-2 and ASTM E18 standards.

Scope of application:

1, ferrous metals, non-ferrous metals, non-metallic materials Rockwell hardness;

2, quenching and quenching and tempering heat treatment materials such as Rockwell hardness measurement, such as cemented carbide, carburized steel, hardened steel, surface hardened steel, hard cast steel, aluminum alloy, copper alloy, malleable castings, mild steel, Quenched and tempered steel, annealed steel, bearings and other materials.

Technical parameters:

Model	HRS-150D
Measurement range	20-88HRA, 20-100HRBW, 20-70HRC;
Test force	588.4、980.7、1471N (60、100、150kgf)
Maximum allowable height of test piece	210mm
Distance from the center of the pressure head to the machine wall	155mm
Hardness resolution	0.5HR
Power	AC 220V, 50Hz
Overall dimension	220*510*694mm
Weight	90kg

Accessory Configuration:

Large flat workbench	1pc	Small flat Workbench	1pc
V-type workbench	1pc	diamond cone indenter	1pc
φ1.588 steel ball indenter	1pc	Standard Rockwell Hardness Block	5pcs
Optional printer			