

HST-HYC150 Magnetic Rockwell hardness tester



Pictures for reference only

Main features:

The HST-HYC150 magnetic Rockwell hardness tester operates completely according to the Rockwell hardness testing principle, directly testing the Rockwell hardness values, and the testing accuracy meets the national standard GB/T 230.2. Widely applicable, easy to operate, with good economy and practicality.

Application range:

This machine is used for finished and semi-finished parts of common metals, including steel, copper, aluminum, carburized layer, hard alloy, etc. It can also be used for hardness testing of large plates, shafts, steel pipes, welded parts, and other composite parts.

This machine adopts a single handle magnetic switch, which is easy to operate and easy to fix; The contact surface between the indenter and the workpiece can be observed from multiple angles.

The dial of this machine has a large testing distance, reducing the error caused by human operation; The test table is located on the left side of the machine for easy observation and clear display of hardness values.

Main technical specifications:

Model	HST-HYC150
Rockwell initial test force	10 kgf
Rockwell total test force	60, 100, 150kgf 588.4, 980.7, 1471N
Measurement range	20-95HRA, 10-100HRBW, 20-70HRC;
Indication error	Conforming to GB/T 230.2
Repeatability error	Conforming to GB/T 230.2
Hardness resolution	1HR
Rockwell indenter	120 ° diamond indenter, 1.588 mm hard alloy ball
Overall dimensions	249×131×171(mm)
Net weight	13KG