



Features

TIME6106 Automatic double Rockwell hardness tester with a good aesthetic aspect, complete functions, easy operation, intuitive display and good reliability, is a high-tech product combining the mechanic and electric features, which is suitable for the Rockwell and superficial Rockwell hardness test.

- Support for all the Rockwell and superficial Rockwell scales;
- Conversion scales of different kinds of hardness;
- With arc correction function;
- Touch screen display and operation, dynamically display the working state of the lifting screw and the indenter;
- Press operation for the test table, fast rising or dropping;
- One key to complete the rising of the specimen, loading dwell and unloading of the indenter, displaying of the hardness value, homing of the test table;
- With data storage function, automatic calculation of the maximum, minimum, average of the hardness value, the test results can be printed for output, and with a RS232 interface users can connect it to the computer for output.

TIME[®]6106

AUTOMATIC DOUBLE ROCKWELL
HARDNESS TESTER

Application Range

Suitable for quenched steel, tempered steel, annealed steel, cold and hard casting, malleable cast iron, hard alloy steel, aluminum alloy, copper alloy, bearing steel etc. Also suitable for surface quenched steel, surface heat treating and chemical treating materials, sheet, zinc layers, chrome layers, tin layers etc.

Standard Delivery

•Main unit	1pc
•Diamond rockwell indenter	1pc
• $\phi 1.588$ mm ball indenter	1pc
•Large, middle plane test table, V-shaped test table	1pc(each)
•Standard hardness test block	Total 3 pcs
•Standard superficial rockwell hardness block	Total 2 pcs
•Fuse 2A	2 pcs
•Power cable	1 pc
•Anti-dust cover	1 pc
•Usage instruction manual	1 pc

Technical Specification

Initial test Force	3kgf (29.42n), 10kgf (98.07n)
Total test force	15kgf (147.1n), 30kgf (294.2n), 45kgf (441.3n), 60kgf (588.4n), 100kgf (980.7n), 150kgf (1471n)
Loading method	Automatic (Loading/Dwell/Unloading)
Automatic Test Table	Automatic Rising and Homing, One Key to Complete
Test scale	HRA, HRD, HRC, HRFW, HRBW, HRGW, HRHW, HREW, HRKW, HRL, HRM, HRP, HRR, HRS, HRV, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HR15W, HR30W, HR45W, HR15X, HR30X, HR45X, HR15y, HR30y, HR45y
Conversion scale	HV, HK, HRA, HRBW, HRC, HRD, HREW, HRFW, HRGW, HRKW, HR15n, HR30n, HR45n, HR15TW, HR30TW, HR45TW, HBW
Data output	Built-in Printer, RS232 Interface
Resolution	0.1HR
Dwell time	0~99s
Max. Height of Specimen	310mm
Throat	150mm
Execute Standard	ISO 6508, ASTM E-18, J IS Z2245, GB/T 230.2
Power source	AC220V, 50Hz
Dimension (mm)	535×330×890 Packing Dimension: 820×460×1170
Weight (kg)	net Weight: 80; Gross Weight: 100