

Fully Automatic end quenching curve Rockwell hardness tester with Motorized XY Platform



Brief Introduction:

DCHRTS-150ZXY is iqualitrol new Automatic end quenching curve Rockwell hardness tester, adopts a closed-loop loading control system.

DCHRTS-150ZXY equips with XY automatic moving platform, automatic programming, automatic marking, suitable for end quenching test;

Optional computer, through multiple computer terminals to control and measure the hardness, and can perform statistical analysis on the data, issue Test report etc.

Test reports can be customized according to user requirements.

Technical Specification:

Model	DCHRTS-150ZXY
Initial Force	10kgf(98.07N), permitted error $\pm 2.0\%$
Total Test Force	60kgf, 100kgf, 150kgf
Hardness Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRL, HRM, HRP, HRR, HRS, HRV
Test Standards	GB/T230.2, JJG112, GB/T2848, GB/T3773, EN10109, ASTM E18, ISO 6508
Hardness Conversion	Conform ASTM E140
Display	8" Touch Screen
Resolution	0.1HR
Dwell Time	3-99 Seconds, adjustable
Force Switch	Automatic
Loading Control	Automatic
Z Lifting Structure	Automatic
X-Y Platform	Dimension: 370x370x170mm, Travel: 100x100mm, step: 1um Accuracy: 10um, support multi points setting and one key operation.
Hardness calibration	√
Arc correction compensation	√
Test force compensation	√
Qualification Judge	√
Statistics	Automatically calculate max, min, avg, error, test numbers, etc
Data output	Printer, COM port
Test height	70mm
Depth throat	160mm
Dimension	560X210X810mm