

## Automatic Digital Rockwell Hardness Testing Machine with Motorized Lifting Structure



### Product description:

Full Automatic iqualitrol Digital Rockwell Hardness Testing Machine ZHRSJ-150BHY equips with Motorized Lifting Structure, using 8-inch touch screen and high-speed ARM processor, intuitive display, friendly human-computer interaction, easy operation; fast computing speed, large database storage, automatic data correction, and provide data broken line reports.

Regardless of the size and location of workpiece, the distance between workpiece and indenter, the worktable can be automatically lifted and loaded, and the Rockwell hardness of the workpiece can be automatically measured;

### Features:

- 1, Large workbench 730\*500mm (customizable), which can test large workpieces smoothly;
- 2, Two-axis linkage synchronous lifting structure, stable lifting;
- 3, Support to set hardness range, when the test value exceeds the set range, an alarm will sound;
- 4, With software hardness value correction function, the hardness value can be directly corrected within a certain range;
- 5, Support conversion of full hardness scales can be carried out automatically;
- 6, Configure a wireless Bluetooth printer, and output data through RS232, USB (optional) ports;

### Technical Specifications:

|                        |   |
|------------------------|---|
| Model                  | ZHRSJ-150BHY                                |
| Hardness Range         | 20-95HRA, 10-100HRBW, 20-70HRC;             |
| Initial Force          | 10kgf (98.07N)                              |
| Total Loading Force    | 60、100、150kgf (588.4、980.7、1471N)           |
| Loading Control        | Automatic (Loading/Dwell/Unloading)         |
| Lifting Structure      | Automatic Lifting                           |
| Workbench              | 730*500mm (customizable)                    |
| Specimen Height Max    | 320mm                                       |
| Indenter to Inner Wall | 160mm                                       |
| Hardness Resolution    | 0.1HR                                       |
| Power Supply           | AC 220V, 50Hz                               |
| Dimension              | 1100*400*1100mm (customizable)              |
| Weight                 | 320kg                                       |
| Execute Standards      | GB/T230.2, JIS Z2245, EN-ISO6508, ASTM E-18 |

### Packing List:

|             |      |                      |     |
|-------------|------|----------------------|-----|
| Workbench   | 1pc  | Diamond Indenter     | 1pc |
| Test Blocks | 5pcs | φ1.588 Ball Indenter | 1pc |
| Printer     | 1pc  | φ1.588 Steel Ball    | 1pc |