

**HST-XHR150TE Digital Touch Screen Plastics Rockwell Hardness Tester**



**Features:**

- This machine cancels the weight force and adopts electronic loading test force to improve the force value accuracy and make the measured value more stable;
- Eight-inch touch screen operation and display, humanized operation interface, complete instrument settings;
- Bluetooth connection computer, through special hardness software analysis and management data;
- Customers can choose different degrees of automation according to product testing needs.
- Powerful data processing function, 8 kinds of plastic Rockwell hardness test scales are optional, suitable for hard plastics, hard rubber, aluminum, tin, copper, soft steel, synthetic resin and friction materials. ;
- The operation interface is simple, the parameters are set in the humanized interface, and the host independently stores 500 sets of data, and the data is not lost when the power is off.
- It has a hardness value correction function, which can correct each scale; the hardness value can be corrected according to the size of the cylinder.
- The initial load holding time and loading time can be set freely.

**Technical Parameters:**

|                               |                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------|
| Test force                    | Rockwell: 60kg, 100kg, 150kg                                                     |
| Measurement range             | 70-100HRE, 50-115HRL, 50-115HRM, 50-115HRR                                       |
| Indenter type                 | Φ 3.175, 6.35, 12.7mm steel ball indenter                                        |
| Test space                    | Maximum allowable height of specimen: 230mm                                      |
|                               | Distance from indenter center to machine wall: 170mm                             |
| Test force application method | Main initial test force: automatic (loading, holding, unloading fully automatic) |
| Measurement scale             | HRHW, HRKW, HRL, HRM, HRP, HRR, HRS, HRV                                         |
| Hardness value display method | 8-inch touch screen display                                                      |
| Hardness resolution           | 0.1HR                                                                            |
| Power supply                  | AC 220V 50/60Hz                                                                  |

**Standard configuration:**

| Name                                | Quantity | Name                                | Quantity |
|-------------------------------------|----------|-------------------------------------|----------|
| Instrument host                     | 1 unit   | Diamond Rockwell indenter           | 1 piece  |
| Φ1.588mm ball indenter              | 1 piece  | Φ150mm platform test bench          | 1 piece  |
| Φ60mm flat test bench               | 1 piece  | Φ40mm V-type test bench             | 1 piece  |
| Plastic Rockwell hardness block HRR | 1 block  | Plastic Rockwell hardness block HRE | 1 block  |
| Plastic Rockwell hardness block HRL | 1 piece  | Plastic Rockwell hardness block HRM | 1 block  |
| Dust cover                          | 2 pieces | Power adapter                       | 1 piece  |
| Wrench                              | 1 piece  | Power cord                          | 1 stick  |
| Printer                             | Quantity | Text information                    | 1 stick  |

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