

**HST-HRD150 Motor-driven type Rockwell hardness tester**  
**Dial Display**



**Product introduction**

HST-HRD150 electric Rockwell hardness tester uses a motor to control the loading, holding and unloading process of the test force, and the dwell time can be selected. The operation is simple and fast, eliminating human operating errors, and has high sensitivity and stability.

**Product Features:**

- Using mechanical manual testing, no power supply is required, it has a wide range of applications, is easy to operate, and has good economy and practicality
- The fuselage is made of high-quality cast iron and is molded in one step, combined with automotive paint processing technology to create a round and beautiful appearance.
- The dial directly reads the hardness value, and can be equipped with other Rockwell scales; it adopts a friction-free spindle and has high test force accuracy.

- Adopts an integrally cast precision hydraulic buffer with no buffer leakage, smooth loading and unloading, no impact, and adjustable speed; the accuracy complies with GB/T230.2-2018 , ISO6508-2 and American ASTM E18-16-M standard.

**Technical Parameters**

|                                                  |                                |
|--------------------------------------------------|--------------------------------|
| Testing power                                    | 60, 100, 150kgf                |
|                                                  | 588.4, 980.7, 1471N            |
| Measuring range                                  | 20-88HRA, 20-100HRBW, 20-70HRC |
| The maximum height allowed for the test piece    | 21 0mm                         |
| Distance from center of indenter to machine wall | 1 6 5mm                        |
| Hardness resolution                              | 0.5HR                          |
| power supply                                     | AC220V, 50Hz                   |
| Dimensions                                       | 527*242*702mm                  |
| Package Size                                     | 620*490*826mm                  |
| Net weight                                       | 90kg                           |
| Gross weight                                     | 102kg                          |

**Packing List**

|                           |                                   |       |   |
|---------------------------|-----------------------------------|-------|---|
| Diamond Rockwell Indenter |                                   | Only  | 1 |
| Ball Indenter             | Φ1.5875mm                         | Only  | 1 |
| Test Bench                | Large Flat, Small Flat, V-Shaped  | Only  | 3 |
| Hardness Block            | Hra, Hrb, Hrc, High, High And Low | Piece | 5 |
| Power Cable               |                                   | Root  | 1 |
| Weight                    | A,B,C                             | Only  | 3 |
| Dustproof Plastic Cover   |                                   | Only  | 1 |
| Product Certificate       |                                   | Share | 1 |
| Instruction Manual        |                                   | Book  | 1 |