

## Digital Rockwell Hardness Tester XRock-S306



XRock-S306 Digital Rockwell hardness tester equips with a newly-designed large displaying screen with good reliability, excellent operation and easy watching.

It can show and set the present scale, test force, test indenter, dwell time and hardness conversion.

### Main Functions as Follows:

- 1, Support all the Rockwell scales;
- 2, Support Hardness Conversion;
- 3, Test results can be saved and printed;
- 4, Automatically calculate the maximum, minimum and average value;
- 5, With RS232 interface for data transferring to computer.

### 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.

### Technical Specification:

|                         |                                                                           |
|-------------------------|---------------------------------------------------------------------------|
| Model                   | XRock-S306                                                                |
| Initial Test Force      | 10kgf (98.07N)                                                            |
| Total Test Force        | 60kgf (558.4N), 100kgf (980.7N), 150kgf (1471N)                           |
| Indenter                | Diamond Rockwell Indenter, $\phi 1.588\text{mm}$ Ball Indenter            |
| Loading Method          | Automatic (Loading/Dwell/Unloading)                                       |
| Hardness Reading        | LCD Screen Display                                                        |
| Test Scale              | HRA, HRD, HRC, HRF, HRB, HRG, HRH, HRE, HRK, HRL, HRM, HRP, HRR, HRS, HRV |
| Conversion Scale        | HV, HK, HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRK, HR15N, HR30N, HR45N,      |
| Data Output             | Built-in Printer, RS232 Interface                                         |
| Resolution              | 0.1HR                                                                     |
| Dwell Time              | 0~60s                                                                     |
| Max. Height of Specimen | 180mm                                                                     |
| Throat                  | 140mm                                                                     |
| Power Supply            | AC220V/50Hz/1Ph, AC110V/60Hz/1Ph                                          |
| Execute Standard        | ISO 6508, ASTM E-18, JIS Z2245, GB/T 230.2                                |
| Dimension               | 430×240×630mm, Packing Dimension: 650×370×950mm                           |
| Weight                  | Net Weight: 70kg, Gross Weight: 100kg                                     |

### Packing List:

| Name                                | Qty   | Name                        | Qty    |
|-------------------------------------|-------|-----------------------------|--------|
| Instrument Main Body                | 1 set | Diamond Rockwell Indenter   | 1 pc   |
| $\phi 1.588\text{mm}$ Ball Indenter | 1 pc  | Middle Plane Test Table     | 1 pc   |
| Large Plane Test Table              | 1 pc  | V-shaped Test Table         | 1 pc   |
| Hardness Block 60~70 HRC            | 1 pc  | Hardness Block 20~30 HRC    | 1 pc   |
| Hardness Block 80~100 HRB           | 1 pc  | Weight A, B, C              | 3 pcs  |
| Power Cable                         | 1 pc  | Fuse 2A                     | 2 pcs  |
| Level                               | 1 pc  | Horizontal Regulating Screw | 4 pcs  |
| Screw Driver                        | 1 pc  | Spanner                     | 1 pc   |
| Anti-dust Cover                     | 1 pc  | Usage Instruction Manual    | 1 copy |