

Rockwell Hardness

11. The Tolerance of Rockwell Hardness Display Value

| Hardness Scale | Hardness Range of The Standard Testing Blocks | The Max. Tolerance of Hardness Display Value |
|----------------|---|--|
| HRA | 20 ~ ≤75HRA | ±2HRA |
| | >75 ~ ≤88HRA | ±1.5HRA |
| HRB | 20 ~ ≤45HRB | ±4HRB |
| | >45 ~ ≤80HRB | ±3HRB |
| | >80 ~ ≤100HRB | ±2HRB |
| HRC | 20 ~ ≤70HRC | ±1.5HRC |

Brinell Hardness

12. The repetition and tolerance of displayed Value for Brinell hardness tester

| Hardness Value of Standard Testing Blocks (HBW) | Tolerance of Displayed Value (%) | Repetition of Displayed Value (%) |
|---|----------------------------------|-----------------------------------|
| ≤125 | ±3 | ≤3 |
| 125 < HBW ≤225 | ±2.5 | ≤2.5 |
| > 225 | ±2 | ≤2 |

Vickers Hardness

13. The Tolerance and Repetition of Displayed Value for Vickers Hardness Tester

| Hardness Scale | Tolerance of Displayed Value | | Repetition of Displayed Value | |
|----------------|--|------------------------------|--|-------------------------------|
| | Displayed Value of Hardness Test Block | Tolerance of Displayed Value | Displayed Value of Hardness Test Block | Repetition of Displayed Value |
| HV30 | ≤250HV | ±3% | ≤225HV | 6% |
| HV100 | 300~1000HV | ±2% | > 225HV | 4% |

| No. | Description of Goods | Quantity |
|-----|---|-------------|
| 1 | Diamond Rockwell Indenter | 1 PC |
| 2 | φ1.5875mm Ball Indenter | 1 PC |
| 3 | Large Testing Table; Medium Testing Table; "V" Shaped Testing Table | Total 3 PCS |
| 4 | Standard Rockwell Hardness Block: | |
| | HRC (High); HRC(Lower); HRB | Each 1 PC |
| 5 | Weight 0, 1, 2, 3, 4 | Total 5 PCS |
| 6 | Power Cord | 1 PC |
| 7 | Fuse 2A | 2 PCS |
| 8 | Level | 1 PC |
| 9 | Horizontal Regulating Screw | 4 PCS |
| 10 | Screwdriver; Spanner | Each 1 PC |
| 11 | Nylon Anti-dust Bag | 1 PC |
| 12 | Instruction Manual | 1 PC |
| 13 | Check List of Vickers Hardness | 1 PC |
| 14 | Check List of Brinell Hardness | 1 PC |

2. Accessories Kit of Microscope

| No. | Description of Goods | Quantity |
|-----|--|-------------|
| 1 | Seat of Microscope (with Inside Light) | 1 PC |
| 2 | Eyepiece | 1 PC |
| 3 | 2.5 ^X Objective | 1 PC |
| 4 | 5 ^X Objective | 1 PC |
| 5 | Slipped Testing Table | 1 PC |
| 6 | Outside Light | 1 PC |
| 7 | Diamond Vickers Indenter | 1 PC |
| 8 | φ2.5mm, φ5mm Ball Indenter | Total 2 PCS |
| 9 | Standard Vickers Hardness Block(HV30) | 1 PC |
| 10 | Standard Brinell Hardness Block(HBW/2.5/187.5) | 1 PC |