

Brinell Hardness Tester THB-62.5THBP-62.5

Feature

- Large LCD screen to display the hardness value directly
- Excellent stability without weights inside, good maneuverability
- With transducer and compact structure to enhance the precision
- The tester has wide measurement and high accuracy by means of a 5x objective and 10x objective
- 8 types of test force to be adjusted on the keyboard without manual switch



Spesification

| Model | THB-62.5S | THBS-62.5S | THBP-62.5S | THB-62.5 | THBS-62.5 | THBP-62.5 |
|----------------------|--|------------|------------|-----------|-----------|-----------|
| Hardness value range | (4-650)HBW | | | | | |
| Test Force | 9.8、49、61.29、98、153.2、294.2、306.25、612.9 (1、5、6.25、10、15.625、30、31.25、62.5Kg) | | | | | |
| Tolerance | ±3.0% | | | | | |
| Test force choosing | Keyboard input | | | | | |
| Carriage control | Loading/dwell/unloading (automatic) | | | | | |
| Dwell time | 5 to 99s | | | | | |
| Turret | Manual | | | Motorized | | |

| | | | | | | |
|-------------------------------------|--|--------|--------|-------|--------|--------|
| Eyepiece | √ | | | √ | | |
| Digital Eyepiece | | √ | √ | | √ | √ |
| Eyepiece Resolution | 0.5μm | 0.25μm | 0.25μm | 0.5μm | 0.25μm | 0.25μm |
| Amplification of Object lens | 5x, 10x | | | | | |
| Magnification | 50x, 100x | | | | | |
| Measuring Range | 400μm | | | | | |
| Optical channel | Dual Optical channel : Eyepiece and Image pick-up device | | | | | |
| Light resource | 5V/3W LED | | | | | |
| Trim filter | Blue | | | | | |
| Display items | Indentation diameter, Hardness value, dwell time, test force N, kf | | | | | |
| Max. height of the specimen | 220 mm | | | | | |
| Max. width of the specimen | 160mm | | | | | |
| Working Temperature | 10°C to 38°C | | | | | |
| Humidity | 10% to 90% | | | | | |
| RS232 interface for Inbuilt Printer | | √ | √ | | √ | √ |
| Data statistic | | √ | √ | | √ | √ |
| Dimensions | 560 x 190 x 700mm | | | | | |
| Net Weight | 50kg | | | | | |

