

Distinctive "performance" and "design"  
The leader of 4th-generation digital testers

**KMT**



### ► Summary

The hardness tester is to indicate the hardness of the specimen by measuring the depth by pressing the entrance of the diamond cone or steel ball into the specimen. It is easy to operate and widely used in soft, hard metal, non-ferrous metal, nonmetal

### ► Features

- Integrate with Brinell, Rockwell and Vickers hardness testing
- 5.6 inch screen provide with total data for quality control
- Modern design and car painting technology, anti-scratch protection
- Equip with accurate sensor, make the testing accurately
- Can print data via built-in printer
- Using imported components like Omron and 3M



HBE-3000M / Brinell Hardness Tester

### ■ DETAILED INFORMATION

### ► Specification

Model : HBE-3000M

( Approved by CE certificate, ensure the safety operation of the machine.

Certificate No. : GB/1067/3980/12 Issue 1)

Brinell scale: HBW2.5/62.5, HBW2.5/187.5, HBW5/125, HBW5/750, HBW10/100,  
HBW10/250, HBW10/500, HBW10/1000, HBW10/1500, HBW10/3000

Test force : 62.5kgf(612.9N), 100kgf (980.7N), 125kgf (1226N), 187.5kgf (1839N),  
250kgf (2452N), 500kgf (4903N), 750kgf (7355N), 1000kgf (8907N),  
1500kg(14710N), 3000kgf (29420N)

Minimum measuring unit : 0.005mm

Measuring range : 8~650HBW

Hardness value read : Check table (hardness measuring software for optional purchase)

Total amplification : 20X

Load method : Automatic (load, dwell, unload)

Dwell time : 1-99S (Each Second : 1 Second)

Allowed space for specimen

Max. Height allowed : 220mm , Throat depth : 120mm

Instrument size and weight : 530x187x758mm (L×W×H) 135kg

Package size and weight : 625x430x950mm (Lx W x H) 149kg

Power supply : AC220V + 5%, 50~60 Hz / AC110V

Executive standard : GB/T231.2,ASTM E10,ISO 6506,JJG150

Standard accessories

**1piece :**

Hardness tester, 20X measuring objective,  $\Phi 2.5$  /  $\Phi 5$  /  $\Phi 10$ mm harden alloy indenter,  
big, medium and “V” test table, power cable, hand wrench, safety fuse, power line,  
accessory box, dust-proof cover, manual instruction, certificate of quality, warranty card,  
hardness conversion table.

**2pieces :**

Standard hardness block

Optional accessories : Hardness measurement software; Brand Computer; Brand Printer;

Standard Indenter; Standard Block.