



## **MODEL HBRV-187.5 BRINELL ROCKWELL VICKERS HARDNESS TESTER**

### **Feature & Use**

- . Direct reading from screen for Rockwell hardness scale
- . It's steady and reliable for testing of curved surface
- . Precision conforms to GB/T 230.2, GB/T 231.2, GB/T 4340.2, ISO6508-2, ISO6507-2, ISO6506-2, ASTM E18, ASTM E10 and ASTM E92

It's suitable to determine the Brinell, Rockwell and Vickers hardness of ferrous, non-ferrous metal and hard alloy.

### **Specifications**

Measuring range: 4-650HBW, 20-88HRA, 20-100HRB, 20-70HRC, 200-1000HV

Test force: 294.2, 306.5, 588.4, 612.9, 980.7, 1471, 1839N

(30, 31.25, 60, 62.5, 100, 150, 187.5kgf)

Max. height of test piece: 200mm

Depth of throat: 160mm

Power supply: 220V AC or 110V AC, 50 or 60Hz

Dimensions: 480 x 250 x 760mm

Weight: approx. 95kg

### **Standard accessories**

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Steel ball penetrator:  $\Phi$ 1.588mm 1 pc.

Tungsten carbide ball penetrator:  $\Phi$ 2.5,  $\Phi$ 5mm, 1 pc. each

Diamond cone penetrator: 1 pc.

Diamond pyramid penetrator: 1 pc.

Brinell standardized block: 1 pc.

Rockwell standardized block: 5 pcs.

Vickers standardized block: 1 pc.

40X Readout microscope: 1 pc.



## **MODEL HBV-30A BRINELL & VICKERS HARDNESS TESTER**

### **Feature & Use**

- . Automatic testing process, no human operating error
- . Precision conforms to GB/T 4340.2, GB/T 231.2, ISO6506-2, ISO6507-2, ASTM E92 and ASTM E10

It's suitable to determine the Vickers hardness of steel, non-ferrous metals, ceramics, treated layers of metal surface, and the hardness grads of carburized, nitrided and hardened layers of metals. It is also suitable to determine the Vickers hardness of micro and super thin parts and the Brinell hardness of soft metals and small parts.

### **Specifications**

Measuring range: 4-650HBW, 10-3000HV

Test force: 9.807, 24.52, 49.03, 98.07, 196.1, 294.2N  
(1, 2.5, 5, 10, 20, 30kgf)

Max. height of test piece: 130mm

Depth of throat: 100mm

Magnifications of the measuring system: 500X, 125X

Min. scale value of the optical micrometer: 0.25um

Power supply: 220 AC or 110V AC, 50 or 60Hz

Dimensions: 438 x 382 x 708mm

Weight: approx. 88kg

### **Standard accessories**

Coordinate anvil: 1 pc.

Large flat anvil: 1 pc.

Small flat anvil: 1 pc.

V-notch anvil: 1 pc.

Tungsten carbide ball penetrator:  $\Phi 1$ ,  $\Phi 2$ mm, 1 pc. each

Diamond pyramid penetrator: 1 pc.

Brinell standardized block: 2 pcs.

Vickers standardized block: 2 pcs.

Electronic calculator: 1 pc.