

## HBZ-3000A Automatic Brinell Hardness Tester



### Applications:

It can be used to determine the Brinell hardness of unquenched steel, cast iron, non-ferrous metals and soft bearing alloys, etc. It is especially suitable for on-line & on-spot determining of the hardness of test pieces in large batches.

The applying and releasing of test force is performed by a hydraulic system in this tester. The grating technique is used for determining the depth of indentation. The measured hardness value can be digitally displayed and recorded.

### Feature:

1. Automatic testing process, high precision optical grating measuring system, automatic digital display, no human operating & reading errors
2. The attached printer can automatically print out the hardness testing result
3. Precision conforms to GB/T 231.2, ISO 6506-2 and ASTM E10

### Specifications:

Measuring range: 32-650HBW

Test force: 7355.3, 9807, 29421N (750, 1000, 3000kgf)

Max. height of test piece: 450mm



Depth of throat: 170mm

Power supply: 380V AC, 50 or 60Hz

Dimensions: main machine : 920 x 720 x 1760mm

Control box : 510 x 500 x 1450mm

Weight: main machine : approx. 900kg

Control box : approx. 40kg