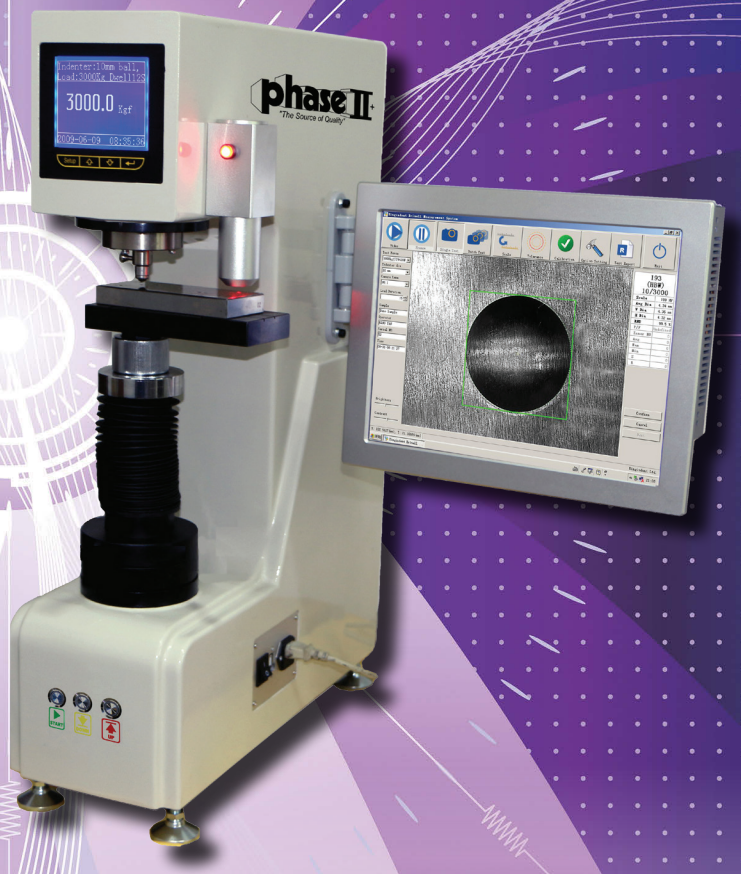
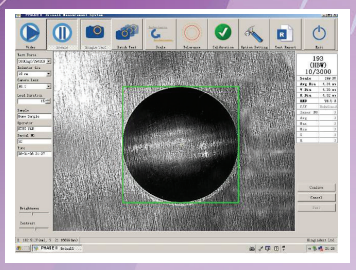
40 Automatic Brinell Hardness Tester w/Auto Z Axis!



Features:

- Fully automated test cycles. Press the START key once, the hardness tester will complete the entire test cycle automatically–1)sample elevation 2)major load application 3)Dwell Time 4) Unloading.
- Equipped with CCD camera and built-in touch screen PC performs the indentation measuring process automatically.
- Measurement software includes useful functions.
  - a) Single and batch testing mode
  - b) Tolerance setting w/alarm
  - c) Statistic values such as Max, Min, Avg, R and S are selectable
  - d) Convert test result to other scales, such as HRC,HRB,HRA,HV,Ðb.
- All test results and indention images are saved automatically
- Test report created in Microsoft EXCEL format, can be edited, copied or printed.
- Load Cell driven system provides precise control of test force application
- Direct digital reading
- Engineered to obtain highly sensitive and accurate readings
- Perfect for laboratories, workshops, tool rooms, inspection labs, etc.
- Measuring Range: 8-650HBW



Technical Specifications:

Loads: 3000kgf (29400N), 1500Kgf (14700N), 1000Kgf (9800N), 750Kgf(7355N),500Kgf (4900N), 250Kgf (2452N), 187.5Kgf (1839N), 125Kgf (1226N),100Kgf (980N), 62.5Kgf(612.9N)
Load dwell duration: 2s~99s, can be set and stored
Tungsten Carbide Ball Indenter: : 10mm, 5mm, 2.5mm
Measuring Range: 3.18HBW~58HBW
Accuracy of Brinell Hardness Value:

Hardness Range(HBW)	Error (%)	Repeatability(%)
≤ 125	± 3.0	≤ 3.0
125 < HBW ≤ 225	± 2.5	≤ 2.5
> 225	± 2.0	≤ 2 0

Max measurable height: 230 mm
Max measurable depth: 140 mm
Dimensions: 530mm×260mm×1000mm
Power supply: 220/110 V, 50/60 Hz, 4A
Weight: 110kg

900-359

Innovative closed-loop technology. The tester incorporates the latest load cell technology. The test load is applied via a closed-loop control unit with a load cell, a DC motor and an electronic measurement and control unit. The result is highly accurate Brinell hardness measurements at all test loads up to 0.5%. The common load overshoot or undershoot as known from traditional dead weight, or open-loop, systems is eliminated. The absence of mechanical weights not only eliminates friction problems but also makes the equipment less sensitive to misalignments caused by vibrations.