

AUTOMATIC Brinell Hardness Tester w/Auto Z Axis!

Model No. 900-359



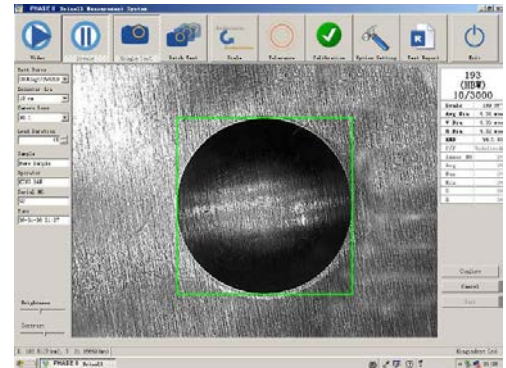
21 Industrial Ave Upper Saddle River, NJ. 07458
Tel: (201) 962-7373 Fax: (201) 962-8353
www.phase2plus.com

Innovative closed-loop technology. The Brinell hardness 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.

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
 - d) Convert test result to other scales, such as HRC,HR
- All test results and indentation 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



Specification:

- The gross weight of the tester is 50% less than the traditional dead weights type tester.
- Test load selection by keyboard and LCD screen.



Technical Data:

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 - 658HBW

Max Weight Capacity for Z-Axis: 330 lbs (150kg)

Max measurable height: 230 mm

Max measurable depth: 140 mm

Dimensions: 530mm×260mm×750mm

Power supply: 220/110 V, 50/60 Hz, 4A

Weight: 110kg