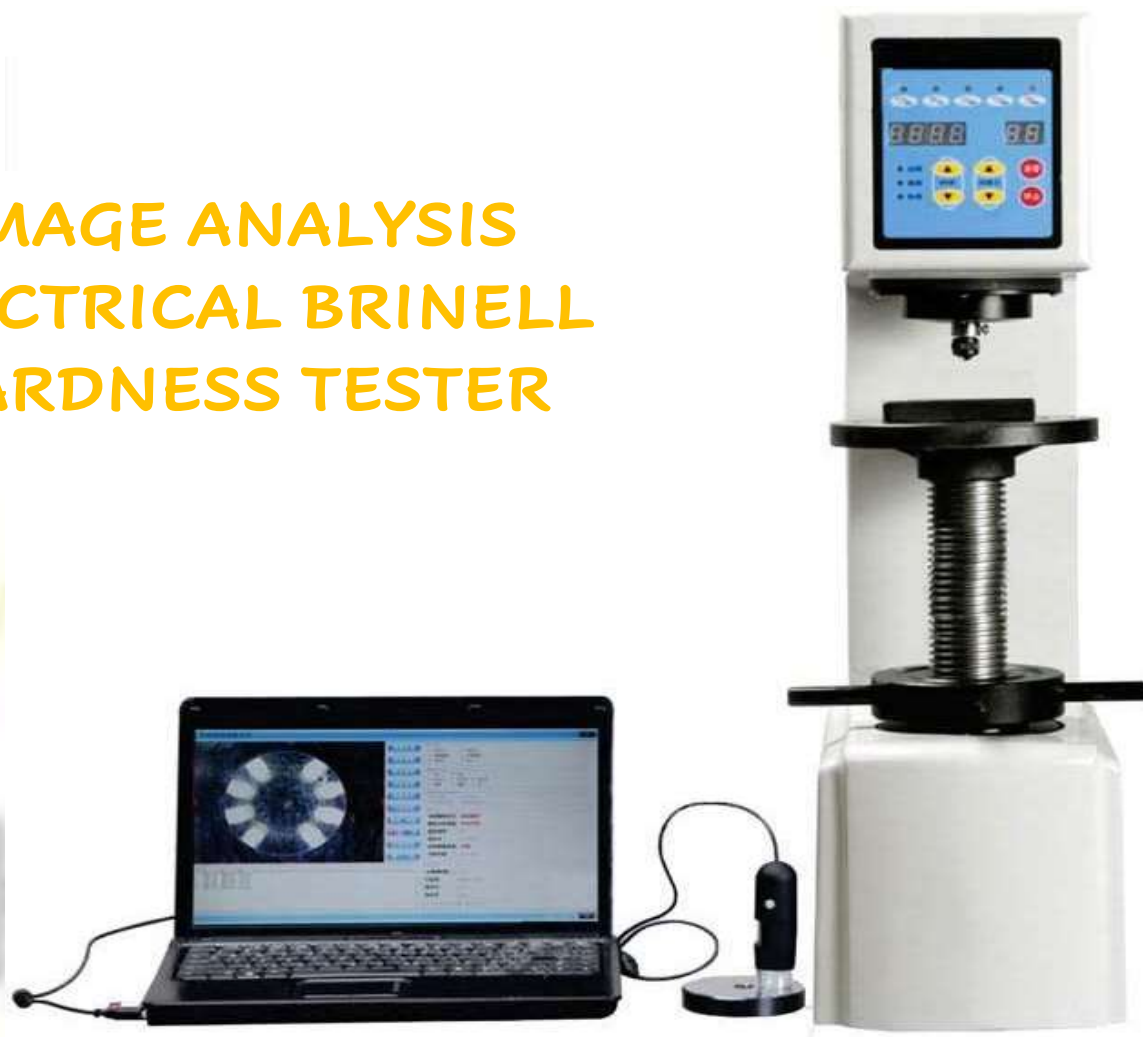


IMAGE ANALYSIS ELECTRICAL BRINELL HARDNESS TESTER



DESCRIPTION

- ☞ Equipped with sophisticated sensors, both test force and test results are more accurate, have more wide range of test force for your choice.
- ☞ The main components adopt brand such as American 3M, Allegro, Japan Omron and NKK, to ensure the equipment running stably for a long time.
- ☞ Proprietary ball positioning system have more precision of repositioning, ensure the precision and repeatability of the whole test process .
- ☞ Designed by our institution engineer that make the optical system imaging more clearer , brightness is adjustable, comfortable vision, it's not easy to fatigue for long time operation.
- ☞ Input the indentation diameter, hardness value is displayed directly, and can display conversion hardness value at the same time, avoid the inconvenience of looking up table.

Registered Office: UGF-12 Ansal Plaza-1 Chiranjeev Vihar Ghaziabad-201002 (U.P.) INDIA

Workshop: Khasra No - 63 Village Bayana, Near Wave City, NH 24, Ghaziabad -201015 (U.P.) INDIA

Phone : +91- 8750305291

Email : info@hsmleindia.in / sales@hsmleindia.com

Website : www.hopesmluckyenterprises.in / www.hsmleindia.com (Under Construction)

- ☞ The industry LCD screen can be visual display hardness value, hardness unit, conversion hardness, testing force, indenter type, the required minimum thickness, load time, measurement times, and the test process is intuitive and clear, built-in printer can print out measured times, hardness value, average, maximum and minimum values, range for the customer to archive.
- ☞ Accompanying equipped with data transmission software, through RS232 interface will transfer host measurement data to the computer to edit and save.
- ☞ The shell is one step casting molding with special foundry process, stable structure and no deformation, can work under relatively harsh environment; Pure white car painting and its class is high, have scratch resistance ability, it's still brightness used for years.
- ☞ We have our own research and development design, production and processing ability, our machines provide life-long time parts replacement and maintenance upgrade services. its combination of different test force and test head, that is, wide test range.
- ☞ Image analysis software that researched by our institution, can be customized for kinds of functions, handy operation, perfect function and meet most customers' demands.
- ☞ It can test Brinell hardness, easy to shift the dynamic and static measurement.
- ☞ It can enlarge the indentation image measurement, and can be amplified again for diagonal part to avoid manual error.
- ☞ It can automatic to identify the indentation image and measure the indentation diameter for bright and clear sample surface.
- ☞ Real time display the indentation diameter, hardness value, indentation depth, material strength, conversion hardness value etc.
- ☞ It possesses the unique mark positioning function, testing the positioned point hardness value.
- ☞ It can be adjusted the colour, gray, contrast ratio, lightness of the image.
- ☞ Attached with function of indentation tangency fine tuning, length measurement and angle measurement etc.

- ☞ It possesses the function of test result statistical analysis, automatic generation and export for the format of Word, Excel of hardness measurement analysis report, and save the indentation image, print etc.
- ☞ Support WIN8, WIN7, WINNT, WIN2000, WINXP, VISTA and so on operation system.

TECHNICAL SPECIFICATIONS

Model No.	BHE-3000IA
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
Conversion scale	HRC, HRA, HR15N, HR30N, HR45N, HV
Test force	62.5kgf (612.9N), 100kgf (980.7N), 125kgf (1226N), 187.5kgf (1839N), 250kgf (2452N), 500kgf (4903N), 750kgf (7355N), 1000kgf (8907N), 1500kgf (14710N), 3000kgf (29420N)
Minimum unit	0.00125mm
Hardness range	HBW 8~650
Hardness data read	Computer screen
Total amplification	80X
Load method	Automatic(load, dwell, unload)
Specimen maximum height allowed	230mm
Instrument size	530×210×758mm (L×W×H) Weight : 135kg
Dwell time	1~99S
Power supply	AC220V + 5%, 50~60 Hz AC110V available

STANDARD ACCESSORIES

HBD-3000P hardness tester : 1pc	Φ2.5, Φ5, Φ10mm harden alloy indenter : 1pc
Big, medium and "V" test table : 1pc	Hand wrench : 1pc
Safety fuse : 1pc	Power cable : 1pc
Accessory box : 1pc	Dust-proof cover : 1pc
Hardness measurement image analysis software CD : 1pc	Dongle : 1pc
Portable microscope : 1pc	Manual instruction : 1pc
Data cable : 1pc	Warranty card : 1pc
Certificate of quality : 1pc	Hardness conversion table : 1pc