

# MICROHARDNESS IMAGE ANALYSIS SOFTWARE



MHS-4.5

## DESCRIPTION

HSMLE's Micro hardness image analysis software is a flexible yet affordable software solution that enables you to acquire measure and even analyze the results of Vickers hardness test. The automatic image analysis software measures the size of your indentation and calculates the Vickers hardness of your test piece. This software will guide you white testing case depth and the result of your complete test can be analyzed using the software. This software will also generate reports with your company logo.

**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](mailto:info@hsmleindia.in) / [sales@hsmleindia.com](mailto:sales@hsmleindia.com)

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

This software is also an ideal solution for upgrading or retrofitting older hardness testers. Install the software on your own computer, attach the camera to the hardness tester and plug in the USB camera.

The system is very easy to install and can be setup on most micro and macro-Vickers.

The software provides the simplest, accurate and user-friendly platform to all geometrical measurement.

Creates customized reports with images, date and text in MS Word and MS Excel format.

### FEATURE:

- ☞ Calibration: This tool is used for calibration through calibration scale.
- ☞ Hardness Indentation Measurement.
- ☞ Micro Hardness Profile with ESD identification
- ☞ Create custom made formatted reports of live and stored image.
- ☞ Display results on the computer & you may take multicolor prints out.
- ☞ Wide Application Range: As long as clamped to the parts, it could test parts in any shape and size.
- ☞ Wide Test Range: It could test various common metal materials by its combination of different test force and test head, that is, wide test range.



**TECHNICAL SPECIFICATIONS**

<b>MODEL HIA-3000</b>
Test Force: 3000kg Test Ball: 10mm Carbide alloy test ball Test Range: 32~650HBW Opening Dimension: 350mm (Height) x 100mm (Throat depth) Indicator Error: complies with ISO 6506, and ASTM E10. Repeatability Error: complies with ISO 6506, and ASTM E10. Test Force Error: complies with ISO 6506, and ASTM E10. Net Weight: 13.8kg

<b>Standard Accessories</b>
Tester Handle Brinell Hardness Block Anvil (flat, V-type, spot-type ) 20x Reading Microscope 10mm Spare Hard Alloy Test Ball

<b>Optional Accessories</b>
1 Tester 1carbide ball indenter 1 Pressure Lever 1 Standard Brinell Hardness Block(high value) 1 Standard Brinell Hardness Block (low value) 1 Flat Anvil 1 V Anvil 1 Dome anvil 1 Anvil cap 1Reading Microscope 20x 1carbide ball indenter 1 Hexagon Wrench 1 Carrying Case