

BOSS



Brinell Optical System & Software



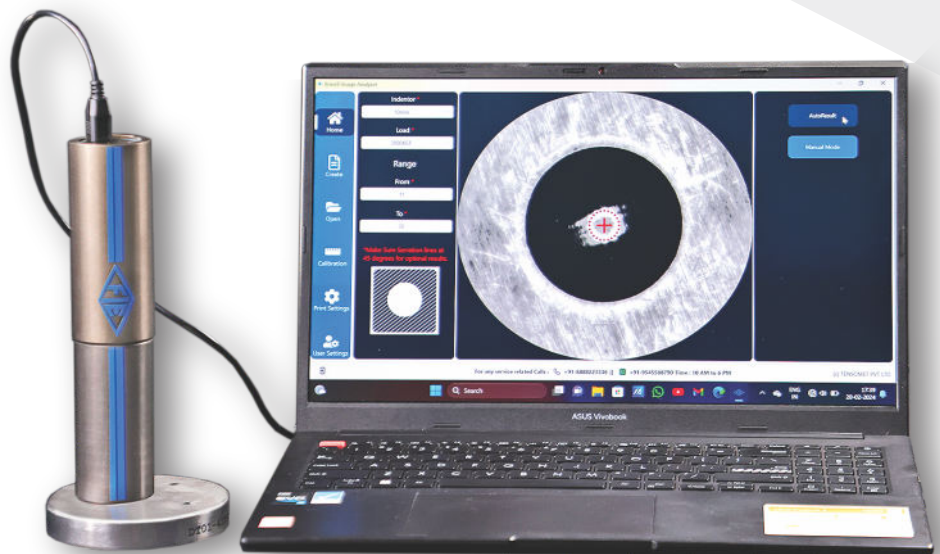
BOSS can virtually eliminates operator influence on test results



Just place and click !
Operating BOSS is easy



Easy to transport anywhere &
Handy for use with Easy set-up





Over **70** years of consistent excellence

Brinell Optical System & Software Model : BOSS

The BOSS virtually eliminates operator influence :

It is found that measuring Brinell indentations can result in measurement errors between operators.

This BOSS can virtually eliminate operator influence on test results.

Just place and click ! Operating BOSS is easy :

With this handy instrument entire test sequence is simple. Place the scan hand on the work piece and move it so the impression appears near the middle of the screen.

Just touch on 'Auto' in tool bar on laptop. The BOSS automatically measures the diameter of indentation with resolution of 0.01mm and displays Brinell value with diameter measurement.

All data storage functions are automatically performed according to batch parameters.



The BOSS can be configured to meet your needs :

An unlimited number of batches can be created each with its own test parameters and certificates.

The operator can select test load and indenter size with party name, address, certificate no. date batch no. and description, high and low limits for readings etc.

The previous batch can be reopened for viewing, editing details and also adding new results.

The BOSS has built in statistical capabilities with graph and certificates for report generation and printing. It includes frequency distribution and variation graphs.

The system includes calibration and check facilities to calibrate the system and for checking of calibration. This eliminates any system error in measurement.

The range of measurement is from 1mm to 6 mm of diameter with resolution of 0.01 mm.



The Software Includes :

- Facility for Auto / Manual mode.
- Well managed database saves readings w.r.t. batch & certificate.
- Report generation in the form of certificate and graph as per customer requirements.
- Facility for calibration and check of calibration.
- Software has facility of two modes Automatic and manual.

Application :

- To measure Brinell Hardness directly on machine where presently Brinell-Microscope is used.
This avoids eye straining of operator on production testing.
In addition it gives far better repeated accuracy.
- High-low limits selection enables operator easy acceptance rejection of components.
- Easy to transport anywhere and handy for use with easy setup.

Scope of Supply :

- One hand held unit containing Camera, optics and illumination system with connecting cable.
- USB for Video.
- Brinell Image Analysis System Software.
- PC & windows operating system will be in customer scope.
- BOSS software.
- Available in options of 2.5mm and 5mm ball or 5mm and 10mm ball.

Also Available :

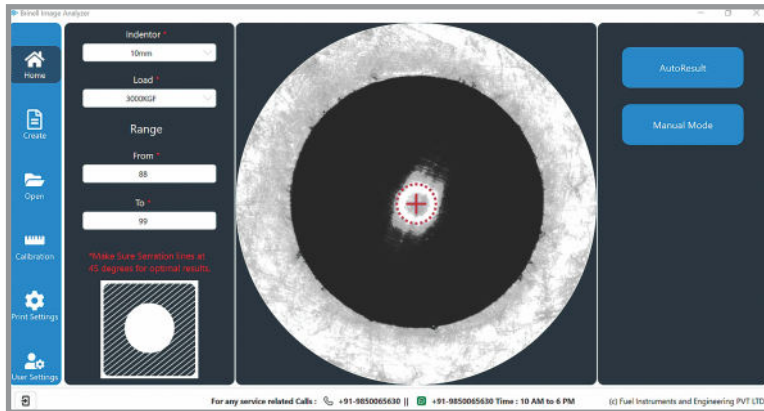
- Computerized Brinell Hardness Testers
- Computerized fully automatic Brinell Hardness Testers



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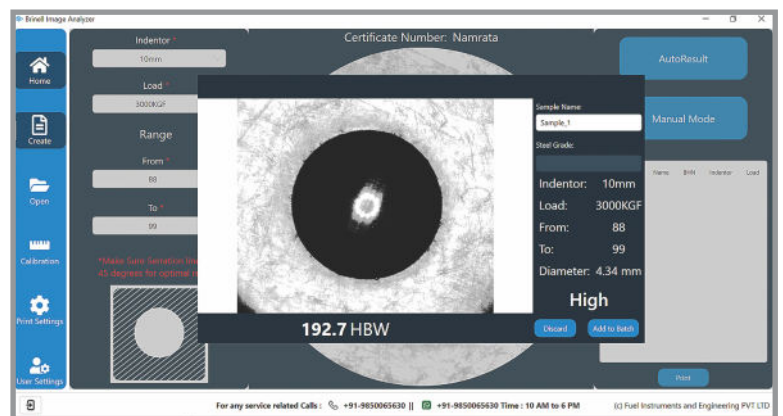
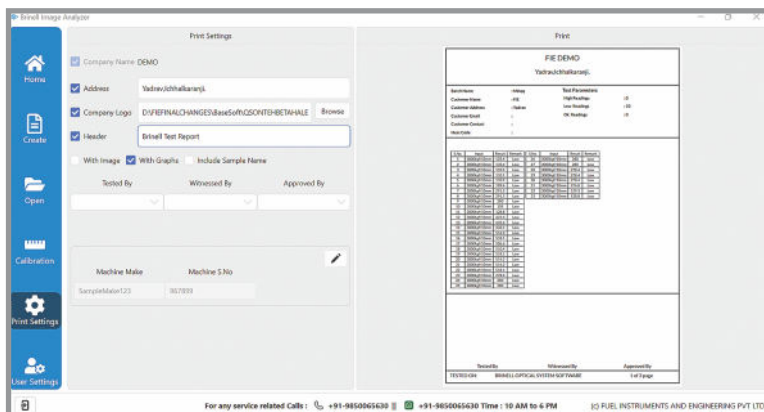
Brinell Optical System & Software Model : BOSS

Software Package for - BOSS



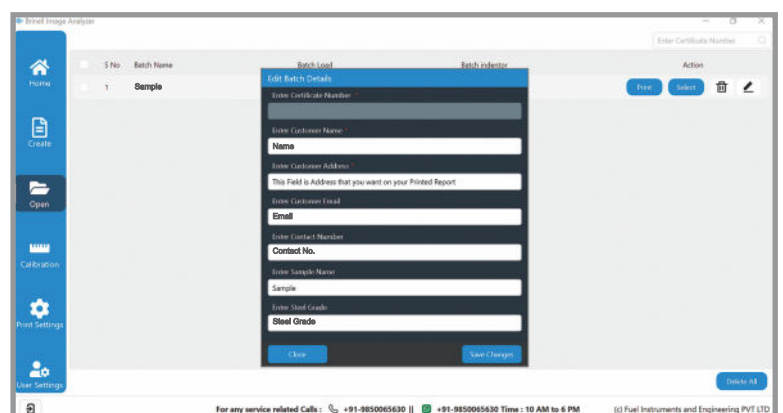
Home Page

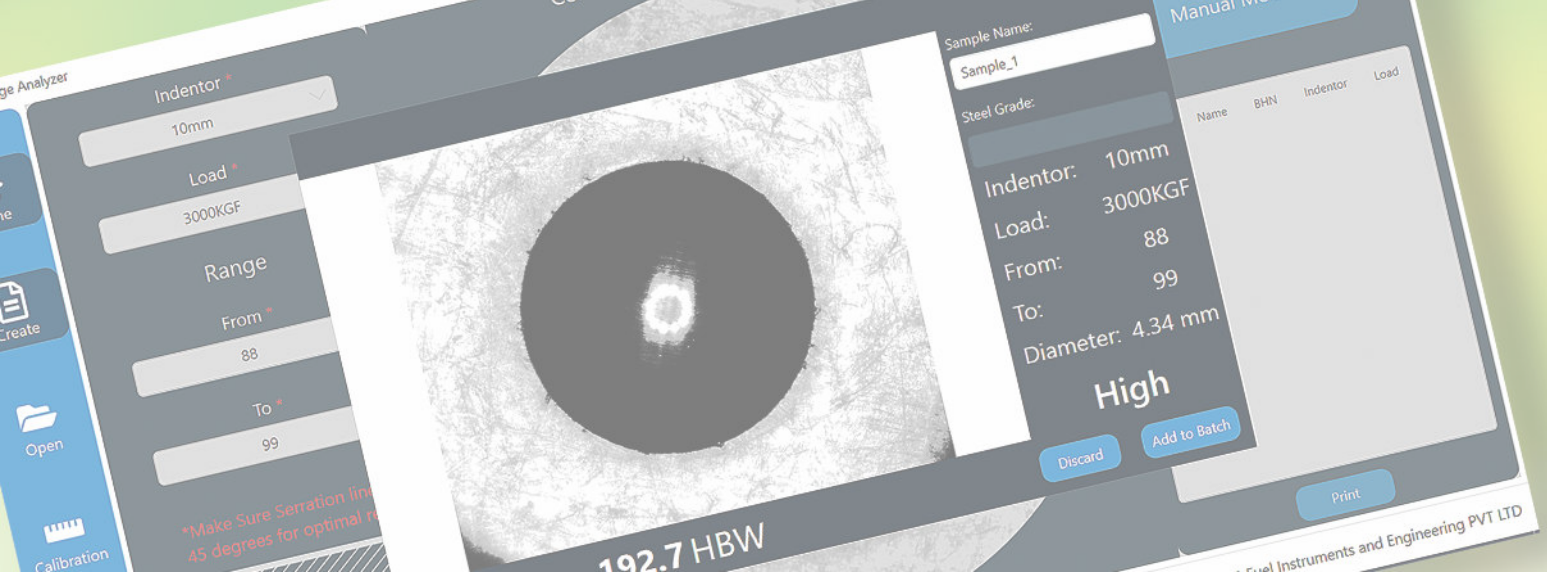
Results



Reports

Batch Edit





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Manufactured By :

Fuel Instruments & Engineers Pvt. Ltd.

Plot No. 68 & 89, Parvati Co-op Industrial Estate, YADRAV-416 145 (Ichalkaranji),
Tal : Shirol, Dist : Kolhapur, Maharashtra State, INDIA.

Cell : +91 93090 72719, 95790 55146 • E-mail : mrk1@fietest.com, mrk2@fietest.com

Web : www.fietest.com