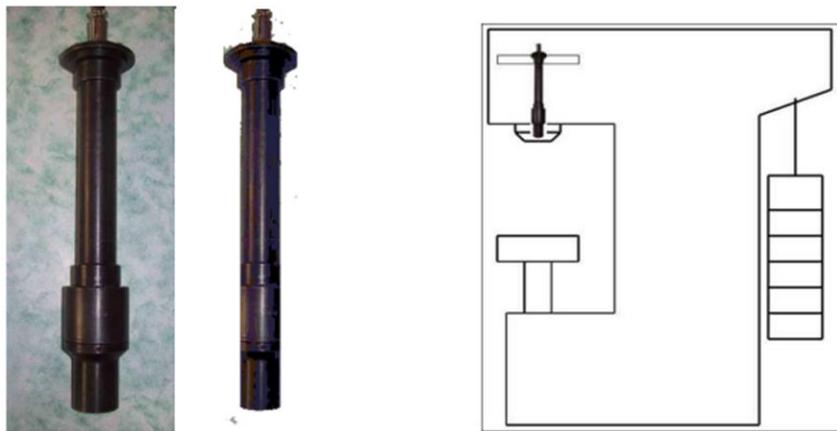


BRINELL CONVERSION KIT



The brinell kit is ready to fit in existing optical brinell hardness tester. This converts optical machine to PC based digital brinell hardness tester. The system is available in various options and is suitable for almost all machines.

It is found that measuring Brinell indentations can result in measurement errors between operators. BRINSYS software can virtually eliminate operator influence on test result.

- Just One click! Operating BRINSYS is easy

With easy to operate software entire test sequence is simple. Click 'Auto' in toolbar on computer screen. The BRINSYS. automatically measures the diameter of indentation with resolution of 0.01mm and display Brinell hardness value with diameter. All data storage functions are automatically performed according to batch parameters.

- The BRINSYS. can be configured to meet your needs

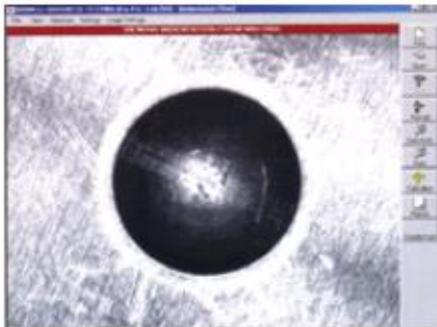
An unlimited number of batches can be created each with its own test parameters and certificates. The operator can select test load and indenter size, party name, address, certificate no. date, batch no. and description, high and low limits for readings etc. The previous batches can be reopened for viewing and address change etc. The software reports include readings, statistical data, frequency distribution and variation graphs and certificate. The export to Excel option is provided and generates Microsoft excel file.

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

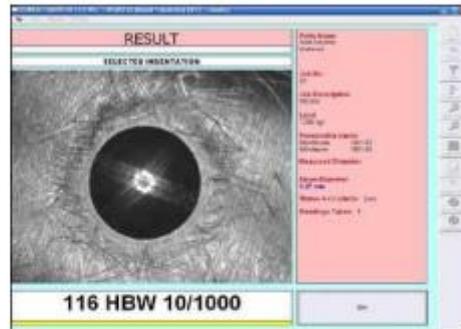
- No external power source required

The unit is USB powered. As you plug in USB video capture, power is sourced by USB port and no other power supply is required.

We have developed system for various domestic and international machine manufacturers. Kindly contact us for your specific requirements.



Indentation View



Result View

THE SOFTWARE INCLUDES

- 1) Facility for Auto / semi Auto / Manual modes of operation.
- 2) Well managed database saves readings w.r.t. batch and certificate.
- 3) Report generation in the form of certificate and graph.
- 4) Facility for calibration and check of calibration.

SPECIFICATION:

The range of Measurement is from 1mm to 6 mm of diameter with Resolution of 0.01mm.

APPLICATION:

- 1) To measure Brinell Hardness directly on machine where presently Brinell-Microscope is used. This avoids eye straining of operator on producing testing. In addition it gives far better repeated accuracy. High-low limits selections enables operator easy acceptance / rejection of components.
- 2) Can be connected to Laptop or Desktop PC. Easy to carry anywhere and handy for use with easy setup.

SCOPE OF SUPPLY -BRINSYS

- 1) Specially developed tube containing CCD Camera, optics and illumination systems with connecting cable
- 2) External Video capture with USB 2 connectivity and driver software.
- 3) Brinell Impression Measurement System software.
- 4) Softdog - Hardware dongle for software
- 5) Instruction manual

PC Requirements:

- 1) 2 gigahertz (GHz) or faster processor
- 2) 4 gigabyte (Gb) RAM minimum
- 3) Microsoft Windows 10/11 operating system
- 4) Display screen resolution minimum 1920 by 1080 pixels
- 5) Two free USB 2.0 ports.