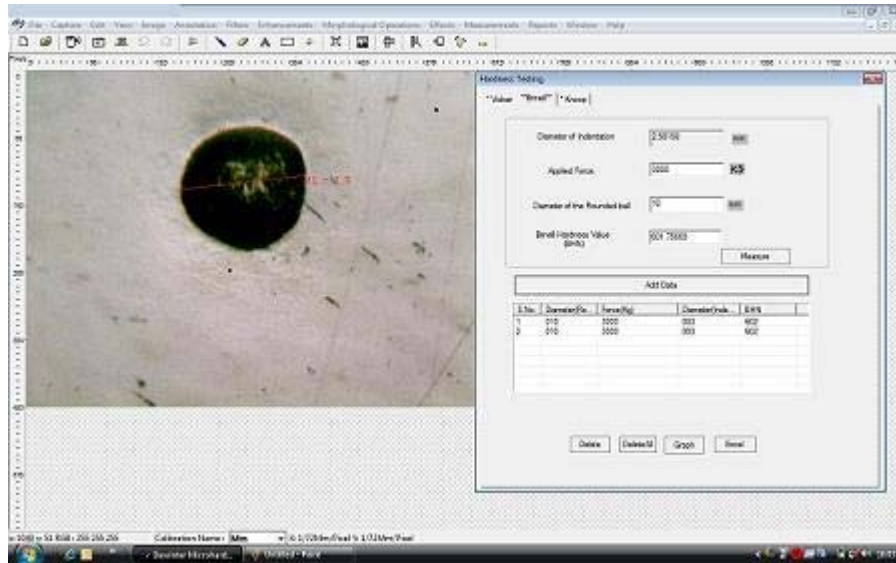




Computerized Brinell / Vickers / Knoop Hardness Measurement system

This latest developed Microscope has a built in high resolution Digital Camera which captures & transmits Brinell hardness impression direct to a PC. A powerful software measures & records Brinell hardness automatically.



Illumination by
Digital Camera

Light emitting diode
2 / 3 mega pixels

The software Operates in Auto / Manual Mode & measures the diameter of the impression & hardness number at the click of the mouse.

The software has following features:

- | | |
|------------------------|--|
| Automatic mode | Fully/ semi automatic mode |
| Manual mode | Pure manual operations |
| Calibration | To map real dimensions in mm to computer dimensions in pixels |
| Batch Mode | To create/delete/ update batches & customers |
| Statistics mode | Mean, median, maximum, minimum, frequency, distribution graph linearity graph of the readings taken in a batch |
| Report generation | To generate reports specifying statistical analysis & graphs |
| Table generation | For generating table of standard readings for quick reference |
| Camera control | To adjust the brightness / contrast of impression image |
| Lux guide | To check the uniformity of the illumination |
| Focus guide | For getting correct focusing of the impression |
| Case depth measurement | Effective case depth measurement and graph |

Computer required Pentium IV ,Minimum 450Mhz or higher, Hard disk 10 GB, RAM 256 MB CD ROM Drive, Windows XP

VERTEX ENGINEERS & ASSOCIATES

S-250, Sector 4,

Airoli, Navi Mumbai – 400708

Tel : +91-22-27691675 / 65169832

Email : info@vertexmachines.com, Visit us at : www.vertexmachines.com