



The Brinell Image Analysis System

B.I.A.S



The B.I.A.S. virtually eliminates operator influence.

It is found that measuring Brinell indentations can result in measurement errors between operators. This B.I.A.S. can virtually eliminate operator influence on test results.

Just place and click ! Operating B.I.A.S. 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 click mouse on 'Auto' in tool bar on computer screen. The B.I.A.S. 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 B.I.A.S. 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 batches can be reopened for viewing and address change etc.

The B.I.A.S. 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.



