VICKERS CCD IMAGE MEASURING & CONTROLLING SYSTEM

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*

BHVS-ACM

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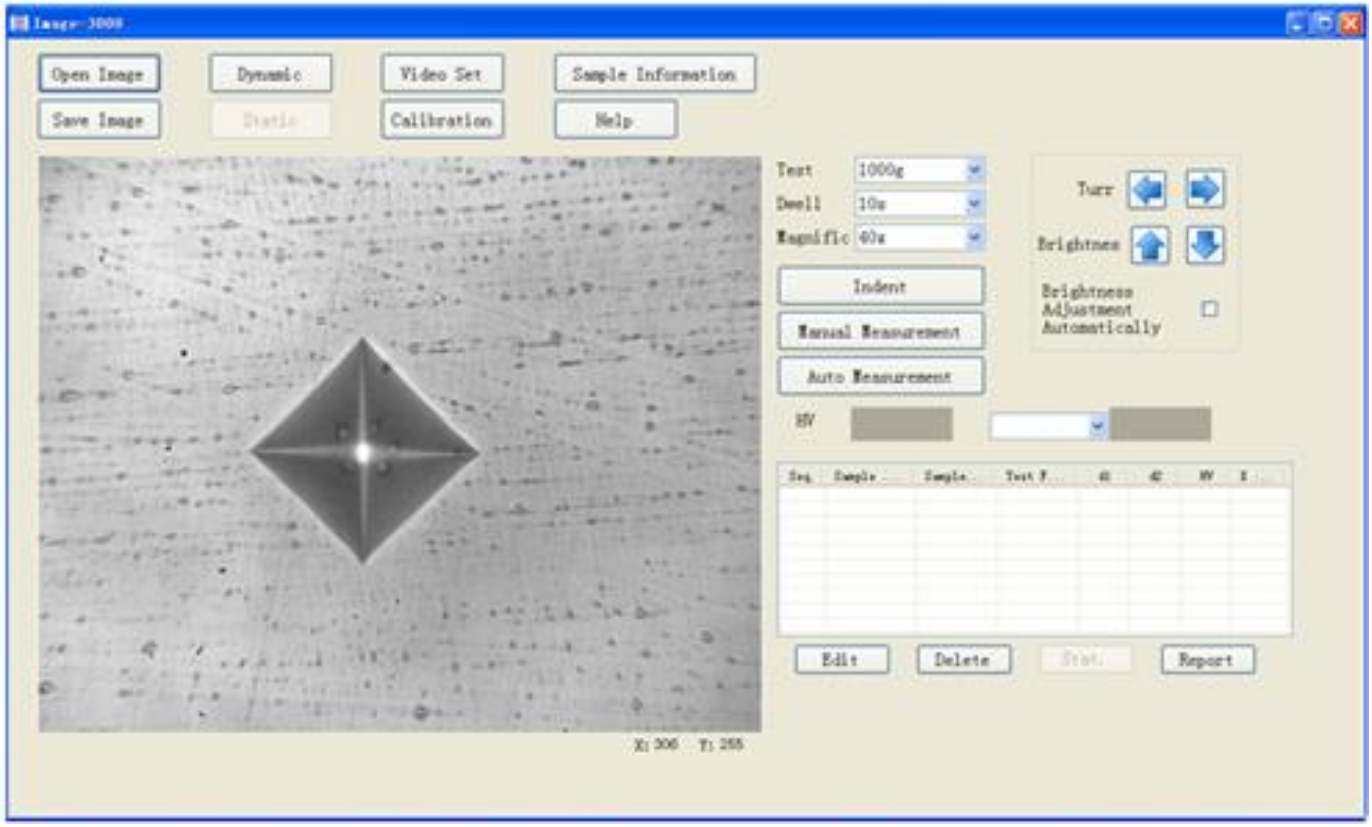
FEATURE:

- This measuring system can be equipped with various kinds of Vickers Hardness Tester to upgrade unit tester to measuring system;
- The computer controls the hardness tester, such as turret, light illumination adjustment (only can be equipped with BHVS- Z series);
- It is applicable to Micro Vickers and Vickers with max. testing forces to 1, 5, 10, 30, 50Kgf;
- With clear image, indentation measurement by automatic or manual;
- Digital X axis movement value can be input into program and generate hardened layer depth distribution curve automatically;
- Calibration by micrometer or test block, can be automatically calibrated;
- Hardness conforms to ASTM standard to convert to other hardness scales, with hardness value statistics and sound alarm beyond limitation;
- Testing report can be customized as per user's requirement, all the testing data can be saved permanently, easy to check.
- The image is clear, automatic / manual measurement of the indentation size;
- The digital sample position, automatically entered into the computer
- Automatic generation of hardness layer depth profile
- Calibration using micrometer or hardness block calibration, automatic calibration;
- Hardness by GB and ASTM converted to other hardness; statistical Hardness Value exceed alarm;
- Customized test reports, all test data is always saved for easy historical inquiry.
- The program automatically calculates the hardness profile along the depth and effective case depth
- X, Y Axis Location Digital Accuracy: 1µm
- X axis location value can enter into hardness measuring program directly, the program calculate the hardness value along depth distribution curve and effective hardened layer depth automatically.



STANDARD CONFIGURATION:

- Camera 5.0M pixel: 1 pc.
- Interface tube: 1 pc.
- U-disk containing the software and manuals: 1 pc.
- Dongle: 1 pc.
- Digital X-Y Stage: 1 pc.
- Digital accuracy of X & Y axis: 1µm.
- The position of X axis can enter into the hardness measuring program directly, and the program can automatically calculate hardness along depth distribution curve and effective hardened layer depth.