Optical Brinell Reader

Laptop Not Included

- **Increase Accuracy!**
- **Eliminate user measurement errors!**
- **Fast and easy measurements!**

Features:

- Automatic scanning system for brinell impressions
- Friendly User Interface: Automatic measurement with a key stroke or a click of a buttonÐTest results can be manually generated or corrected with a single mouse drag move
- High reliability: Advanced image processing and analysis technologies in automatic measurement. Field proven under severe sample surface conditions;
- Single camera with four magnifications: 1.3M pixel CMOS USB camera with two camera tubes with each tube height having two magnifications. Full measurement range is covered with four magnifications for better measurement accuracy. Specifically, tube 1 magnification #1 is suitable for indentation diameters 3-6mm, magnification #2 for 0.8-1.6mm, while tube 2 magnification #3 for 2-4mm, and magnification #4 for 1-2mm.

PHT-5000

Includes the basic functions of an imaging system such as image capture, camera calibration, image processing, geometric measurement, document labeling, and album management; automatically or manually measures the indentation diameter and calculates the hardness HB value; HB2 (DIN 1605 standard) automatic measurement: Automatically or manually measures the indentation diameters on the calibration sample and the test sample, and automatically interpolates the HB value for the test sample; Converts HB to other hardness scales–Validates the test results with sample dimensions; automatically updates the statistical values such as average, min and max, standard deviation,Cp and Cpk; **Auto-alarm:** Automatically marks the out of spec measurements; Test report: Automatically generates customizable WORD or EXCEL report.