NextGen Brinell IndentationScope – BrinGen Scope

Description

The BrinGen Scope is a Brinell optical scanning system designed to read your Brinell indentations to avoid any factors of human error commonly involved with manual 20x scopes. The BrinGen scope is designed to work with your computer and our user friendly software to quickly measure your indentations while simultaneously converting your diameter measurements into a Brinell value according to ASTM E140. Our automatic NextGen scope allows for a quicker and more efficient hardness testing solution for Brinell readings. Paired with our BrinGen 3000 digital load cell Brinell hardness tester, the BrinGen Scope can read your indentations of any diameter (10mm, 5mm, 2.5mm) and gather them in a report for printing. A real time image of your indentation is displayed on your screen and provides you with an in depth view of the measuring procedure. The BrinGen Scope provides the highest level of accuracy in one small package.

Features

- Reliable, accurate and repeatable test results
- User friendly software with report printing capabilities
- Real time image of your indentations, Brinell values, tolerance values, and other details are provided in the BrinGen Software
- Accuracy of ±0.01 HBW or ±0.001 micrometer

Ease of Use

- Automatic accurate measurements with a single push of a button.
- The BrinGen Scope eliminates room for human error on Brinell test results.
- Manual adjustments can be made to your indentations measurement when your surface roughness varies

Real-Time Results

- Real-time display of result measurements
- Offers various hardness conversion values according to ASTM-E140
Various Options

- Select or Edit the Ball diameter
- Select or Edit the Test force
- Select measuring units (nm, um, mm, etc)
- Multi-language support

Report Generation

- Customizable Reports according to your requirements

Simple Calibration

- With the use of a test block, you may measure the indentation and enter the hardness value for calibration
- An alternative to the above calibration method is by capturing the image of an indentation of known diameter and entering the given value into the BrinGen software
Results

- Basic results are easy to view
- Add or remove result column function
- Real-time statistic result view
- Hardness value with our histogram view