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Hardness Testing Machines

BrinScan Brinell Optical Measuring System

BrinScan

Model	BrinScan
Standard	GB/T4340, ISO6506/6507, ASTM E10-12/E92 JIS Z2243
Certificate	CE



Product Feature

- Almost all the current Brinell Hardness Testers measure indentation with traditional mechanical reading microscope. It is a step for high visual reading precision, which could be easily influenced by environmental factors. Moreover, the visual-read diameter has to manually record. After measured at least twice getting average value, the operator has to look up to the hardness table to look for the corresponding Brinell Hardness value.
- BrinScan is Auto-Brinell Optical Measuring System developed based on Windows operating system. It can be used in connect with any kind of Brinell Hardness Tester on the market, automatically gets the Brinell hardness and will replace traditional mechanical reading microscope.
- BrinScan applies advanced visual technology, shooting the indentation by portable digital microscope and identifying the indentation precisely even under complex background to measure Brinell hardness. Operator needn't predicate edge of the indentation, record indentation length, and check hardness table. BrinScan can realize auto-measuring, auto-recording, auto-saving and auto-generating hardness measuring chart.
- A professional operator needs about two minutes when completing one measurement by mechanical reading microscope, which leads to low efficiency. And propagating errors will be caused during measuring while the operation of BrinScan needs no professional operator, and the Brinell hardness will precisely come out within one second.

Application

BrinScan can be used in lab, and also can be used in connect with Windows tablet PC and laptop on site.