

Efficient and Reliable Brinell Indentation Measurement System

iBrin-T1a/b Brinell Indentation Measurement System with advanced visual technology to shoot the indentation by CCD camera lens, recognizing and measuring the diameter of the indentation automatically on laptop, and show the Brinell hardness value of the workpiece on the display directly.

It is usually used on site together with Brinell hardness test equipment. Measurement process efficient, simple, and reliable.



Technical Parameters:

Resolution: 1024 x 768

Accuracy: ±1% HBW (HBW10/3000)

Hardness Range: 8 -650HBW

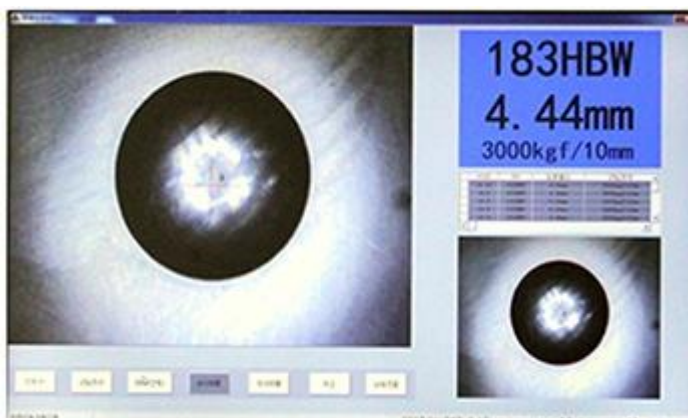
Field of View: 9.46 x 7.04mm (iBrin-T1a)
4.73 x 3.52mm (iBrin-T1b)

Features of Brinell Indentation Measurement System:

- ▶ Excellent Image Processing technology, 100% recognition rate for indentations on various surface finishing.
- ▶ Manual and automatic recognition available, with manual rarely used.
- ▶ Clear and sharp image from special designed annular light source and high-grade lenses, contrast is fantastic.
- ▶ Magnets inlaid camera can stick on work piece, without support and easy to move.
- ▶ Simple users interface and easy to use.
- ▶ Historical data automatic saving, available for review.
- ▶ Works in combination with any Brinell hardness tester.

Models

- ▶ iBrin-T1a: for use with 10mm ball indenter, 3000/1000/500kgf test force, measuring range: 2.4-6mm
- ▶ iBrin-T1b: for use with 5 and 2.5mm ball indenter, 750/250/125/187.5/62.5kgf test force, measuring range: 0.6-3mm



Simple Operation Interface



Combination with Brinell Hardness Testers