

Brinell Hardness Tester

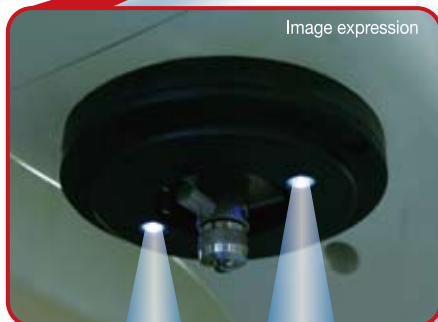
FB-3000LC



Brinell hardness

Using state of the art load cell technology, this is one of the most versatile and easy to use Brinell Hardness Testers available. Operation is handled through a Userfriendly touch-pad, virtually eliminating errors by removing the use of knobs and stacking of weights typically associated with most testers. Simply choose the load on the operation panel and let the tester does the rest.

▼ LED Indication (Front Panel)



▲ LED Light



Features

- 12 selectable loads to choose from
- Heavy-duty cast housing with enclosed load cell
- Direct load method with load-cell feedback
- Auto-apply, -hold and -removal of loads
- Selectable dwell times
- User-friendly touch-pad operation panel

Specifications for Brinell Hardness Tester

LOADS	62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500, 2000, 2500, 3000 kgf
DWELL TIME	5 to 60 seconds
MAXIMUM SPECIMEN HEIGHT	10" (255mm)
MAXIMUM SPECIMEN DEPTH	6.7" (170mm)
LED DISPLAY	4-Digit Kg display
ACCURACY	Conforms to ASTM-E-10 and ISO 6506
DIMENSIONS	8" (220mm) × 21" (550mm) × 32" (810mm)
WEIGHT	Aprx. 300 Lbs (136 Kgf.)
POWER SUPPLY	Single phase 115 VAC (100~240VAC Specify prior to Order)

Revision of FB-3000LC standard accessories

- Flat anvil 100mm
- Brinell tungsten carbide ball indenter 10mm
- Brinell tungsten carbide ball indenter 5mm
- V anvil (Large) 90mm
- Power cord
- Leveling legs
- Machine cover
- Accessories box
- Conversion chart
- Manual

▼ V anvil (Large)
(90mm)

▼ Brinell tungsten
carbide ball indenter 5mm

◀ Brinell tungsten
carbide ball indenter 10mm



Revision of FB-3000LC optional accessories

- Standard test block
- Measuring microscope × 20
- Measuring microscope × 40
- Stage micrometer
(for verifying Brinell Measuring Microscope)
- Flat anvil 60mm
- Flat anvil (round table) 200mm
- Flat anvil (round table) 250mm
- Flat anvil (round table) 300mm
- V anvil 60mm
- Brinell tungsten carbide ball indenter 2.5mm
- Spare Brinell tungsten carbide ball indenter 2.5mm
- Spare Brinell tungsten carbide ball indenter 5mm
- Spare Brinell tungsten carbide ball indenter 10mm



▲ Standard test block



Brinell tungsten carbide ball indenter 2.5mm ▶



▼ Stage Micrometer

Measuring microscope ▶

Brinell hardness

KINGSCAN®

Automatic Brinell Microscope

- Brinell impression reading is faster and easier than ever before with the KINGSCAN IV computerized microscope.
- It displays the image by CCD camera with the simple button operation and user friendly USB cable is used.
- Data Navigation Program allows the user to review all data logged for a part.
Enter the time period desired, and all test data taken for that part will be displayed.
- Even the most inexperienced user can take accurate Brinell readings to 0.01 mm in less than a second.
- The diameter of the impression is then calculated in accordance with ASTM-E10.
- Fast, accurate, repeatable and very affordable, the KINGSCAN IV is designed for use with desktop and laptop computers.



KINGSCAN IV Automatic Brinell Microscope Kit includes :

- CCD Camera
- USB II cable
- Cable 15" 6" (with connector)
- Kingscan IV software with Help menu.
- User's Guide and Reference Manual.

*PC, mouse, keyboard and monitor are not included.
PC spec.: Both types, "Desktop" and "Notebook", are usable.
Celeron CPU: 1.8GHz or more
DDR RAM : 256B or more
Intel 3D onboard graphics/Graphics N-Vidia G-Force 3 or higher
USB port : At least one port is required.

*ATI Graphics cannot be used.

Option :

- Calibration scale
- Brinell standard test block

FUTURE-TECH CORP.

TALKPIER KAWASAKI BLDG., NO. 5-1, 3-CHOME, FUJISAKI,
KAWASAKI-KU, KAWASAKI, KANAGAWA, 210-0804 JAPAN
TEL +81-44-270-5789 FAX +81-44-266-6779
E-mail : info@ft-hardness.com
URL : http://www.ft-hardness.com

● Agent :



* Appearance and specifications are subject to change without prior notice.
Printed in Japan 12.5.T①