

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 ▶

