



DETROIT TESTING
MACHINE COMPANY

Brinell Hardness Tester

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 User-friendly 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.

- 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) x 21" (550mm) x 32" (810mm) |
| WEIGHT | Aprx. 300 Lbs (136 Kgf.) |
| POWER SUPPLY | Single phase 115 VAC (100~240VAC Specify prior to Order) |

Standard Accessories

Hardness Standard, 10mm Carbide Ball Indenter, Flat Anvil 2.5" (60mm), V-Anvil 2.5" (60mm), Leveling Legs
Machine Cover, Accessory Box, Conversion Chart, Manual

Optional Accessories

5mm Carbide Ball Indenter, 2.5mm Carbide Ball Indenter, Flat Anvil 8" (200mm), 20X Brinell Measuring Microscope, 40X Brinell, Measuring Microscope, Stage Micrometer (for Verifying Brinell Measuring Microscope), Hardness Standard(s)

ITEM

DLC-3100

| | |
|-------------------------|--|
| LOADS | 62.5, 187.5, 250, 500, 750, 1000, 1500, 2000, 2500, 3000 kgf |
| DWELL TIME | 5 to 60 seconds |
| MAXIMUM SPECIMEN HEIGHT | 9.5" (241.3mm) |
| MAXIMUM SPECIMEN DEPTH | 5" (127mm) |
| LED DISPLAY | 4-Digit Kg display |
| ACCURACY | Conforms to ASTM-E10 |
| DIMENSIONS | 7.5" x 21" x 28" (190x533x711mm) |
| WEIGHT | Aprx. 285 Lbs |
| POWER SUPPLY | 120 VAC 60 Hz 1Ø-2A |

STANDARD ACCESSORIES

| | | |
|---|-------------|---|
| 10mm Carbide Ball Indenter | | 1 |
| Flat Anvil | 2.5" (60mm) | 1 |
| Flat Anvil | 8" (200mm) | 1 |
| V-Anvil | 2.5" (60mm) | 1 |
| Machine Cover, Conversion Chart, Manual | | |

Appearance and specifications are subject to change without prior notice.

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