

BRIN200 SERIES
OF OPTICAL BRINELL HARDNESS TESTERS



BRIN200M – Brinell hardness tester with
micrometer measurement of indentation diameter
on built-in screen

Easier to use with more accurate results

World Leaders

Brinell Hardness
Testing Equipment



No 0231

BRIN200M OPTICAL BRINELL HARDNESS TESTER WITH MICROMETER MEASUREMENT OF INDENTATION DIAMETER ON BUILT-IN SCREEN

Production Brinell hardness tester, test force application by traditional lever and weights with motorized hydraulic lift of lever.

Optical projection of image with x 14 magnification onto an integral graduated screen, where it is measured by micrometer. This reduces operator fatigue and speeds up testing.

SPECIFICATIONS
Test height: - 400mm Throat: - 200mm Overall dimensions without table: 800 (w) 1025(d) 1070 (h) Electrical supply: 380 – 440v 3ph 50Hz (5 wires – 3 phases, neutral and earth)
STANDARD EQUIPMENT
10mm & 5mm indenters Testing table – 200mm dia. Vee anvil – 70mm dia.
ADDITIONAL FEATURES
See table below

HARDNESS SCALES
HBS(W) 10/3000 HBS(W) 5/750 HBS(W) 10/1500 HBS(W) 5/250 HBS(W) 10/1000 HBS(W) 10/500 HBS(W) 10/250
OPTIONAL EXTRAS
Machine support table Brinell Reference blocks Stage micrometer 5mm & 10mm indenters Brinell reference indentation reading blocks

SHIPPING SPECIFICATION

Machine	1 box, gross weight 550kg, 1.85CBM	Machine & machine support table	1 box, gross weight 600kg, 2.46CBM
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THE BRIN200 SERIES BRINELL HARDNESS TESTERS

BRIN200M	Optical Brinell hardness tester, manually operated, with image of indentation projected onto a screen in the machine
BRIN200A	Optical Brinell hardness tester, manually operated, with image of indentation projected onto a screen in the machine, with semi-automatic digital display and print-out. Communication with remote computer
BRIN200D	Optical Brinell hardness tester, manually operated with fully automatic Brinell indentation measurement system, read-out, print-out and storage on disk. Communication with remote computer.

OPTIONAL ADDITIONAL FEATURES

- **T** Automatic time cycle – available on each machine
- **S** Motorized screw – available on each machine
- **L** Additional HB2.5/187.5 scale – available on **BRIN200A & BRIN200D** machines
- **I** 50% increase (approx.) in magnification available on **BRIN200A-L**

BRIN200M	BRIN200M - T	BRIN200M - S	BRIN200M - TS
BRIN200A	BRIN200A - T	BRIN200A - S	BRIN200A - TS
	BRIN200A - TL	BRIN200A - SL	BRIN200A - TSL
	BRIN200A - TLI	BRIN200A - SLI	BRIN200A - TSLI
BRIN200D	BRIN200D - T	BRIN200D - S	BRIN200D - TS
	BRIN200D - L	BRIN200D - SL	BRIN200D - TSL

Foundrax portable, BRIN100M, BRIN200 series, BRINscan, special hardness testers

FOUNDRAX MANUFACTURE A COMPLETE RANGE OF BRINELL HARDNESS TESTERS – PORTABLE, LABORATORY, PRODUCTION, SEMI-AUTOMATIC AND FULLY AUTOMATIC



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