



**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

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**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.

<b>SPECIFICATIONS</b>
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)
<b>STANDARD EQUIPMENT</b>
10mm & 5mm indenters Testing table – 200mm dia. Vee anvil – 70mm dia.
<b>ADDITIONAL FEATURES</b>
See table below

<b>HARDNESS SCALES</b>
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
<b>OPTIONAL EXTRAS</b>
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

<b>BRIN200M</b>	Optical Brinell hardness tester, manually operated, with image of indentation projected onto a screen in the machine
<b>BRIN200A</b>	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
<b>BRIN200D</b>	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.
<b>OPTIONAL ADDITIONAL FEATURES</b>	
- T	Automatic time cycle – available on each machine
- S	Motorized screw – available on each machine
- L	Additional HB2.5/187.5 scale – available on <b>BRIN200A &amp; BRIN200D</b> machines
- I	50% increase (approx.) in magnification available on <b>BRIN200A-L</b>
<b>BRIN200M</b>	BRIN200M - T      BRIN200M - S      BRIN200M - TS
<b>BRIN200A</b>	BRIN200A - T      BRIN200A - S      BRIN200A - TS
	BRIN200A - L      BRIN200A - TL      BRIN200A - SL      BRIN200A - TSL
	BRIN200A - LI      BRIN200A - TLI      BRIN200A - SLI      BRIN200A - TSLI
<b>BRIN200D</b>	BRIN200D - T      BRIN200D - S      BRIN200D - TS
	BRIN200D - L      BRIN200D - TL      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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