

BRIN200 SERIES  
OF OPTICAL BRINELL HARDNESS TESTERS



BRIN200A – Brinell hardness tester incorporating  
digital read-out and print-out

Easier to use with more accurate results and record keeping

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**World Leaders**

Brinell Hardness  
Testing Equipment



No 0231

## BRIN200A OPTICAL BRINELL HARDNESS TESTER WITH DIGITAL READ-OUT AND PRINT-OUT

Measurement of the indentation is via an electronic micrometer giving an instant display of the hardness value – which is simultaneously printed.

If the component tested is part of a batch then the printer will also print comments – whether it is within limits, the hardness scale used, as well as the number of good components in the batch, the number of rejects, the time, the date, the batch number, the batch mean and standard deviation.

The machine is supplied complete with a serial port enabling the test data to be further processed by a remote computer.

<p style="text-align: center;"><b>SPECIFICATIONS</b></p> <p>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)</p>	<p style="text-align: center;"><b>HARDNESS SCALES</b></p> <p>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</p>
<p style="text-align: center;"><b>STANDARD EQUIPMENT</b></p> <p>10mm &amp; 5mm indenters          Testing table – 200mm dia.          Vee anvil – 70mm dia.</p> <p style="text-align: center;"><b>ADDITIONAL FEATURES</b></p> <p>See table below</p>	<p style="text-align: center;"><b>OPTIONAL EXTRAS</b></p> <p>Machine support table          Brinell Reference blocks          Stage micrometer          5mm &amp; 10mm indenters          Brinell reference indentation reading blocks</p>

### SHIPPING SPECIFICATION

Machine: 1 box, gr. wt. 550kg, 1.85CBM                  Machine & machine support table: 1 box, gr. wt. 600kg, 2.46CBM

### 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**

<b>BRIN200M</b>	BRIN200M - T	BRIN200M - S	BRIN200M - TS
<b>BRIN200A</b>	BRIN200A - T	BRIN200A - S	BRIN200A - TS
	BRIN200A - L	BRIN200A - SL	BRIN200A - TSL
	BRIN200A - LI	BRIN200A - SLI	BRIN200A - TSLI
<b>BRIN200D</b>	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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