

BRIN200 SERIES
OF OPTICAL BRINELL HARDNESS TESTERS



BRIN200D – Brinell hardness tester incorporating fully
automatic optical indentation measurement system

Faster, more accurate, more reliable, easier, with proper records and a high level of
confidence in the test results

World Leaders

Brinell Hardness

Testing Equipment



No 0231

BRIN200D OPTICAL BRINELL HARDNESS TESTER WITH FULLY AUTOMATIC INDENTATION MEASUREMENT SYSTEM

Foundrax were the first company in the world to produce a fully automatic Brinell hardness tester making the authentic Brinell hardness test – the BRINscan. Now with their unequalled experience in the field of automatic Brinell hardness testing they have extended their well established BRIN200 range of optical Brinell hardness testers with the BRIN200D Brinell hardness tester which incorporates a fully automatic optical indentation measurement system. The BRIN200D uses “state of the art” electronic technology. The entry level price is less than one third of that of the BRINscan.

The test forces are applied using the traditional lever and weight method.

The operator interface is via a light pen. The Brinell hardness is measured in the authentic way and the test result is displayed on the monitor, test results are saved to disc as they are displayed and may be printed out at the end of the batch together with some statistics if required.

Automatic measurement adds only about 1 second to the cycle time and is consistent and independent of the operator. Batch testing may be interrupted to make individual tests.

<p style="text-align: center;">SPECIFICATIONS</p> <p>Test height: - 380mm 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;">OPTIONAL EXTRAS</p> <p>Machine support table (not required if motorized screw lift is ordered) Additional monitor Brinell Reference blocks Stage micrometer 5mm & 10mm indenters Brinell reference indentation reading blocks</p>
<p style="text-align: center;">STANDARD EQUIPMENT</p> <p>10mm & 5mm indenters Testing table – 200mm dia. Vee anvil – 70mm dia.</p> <p style="text-align: center;">ADDITIONAL FEATURES</p> <p>See table below</p>	<p style="text-align: center;">STANDARD FEATURES</p> <p>Fully automatic optical image measurement system Testing in all Brinell scales 250-3000kgf Test results saved to disk Data output to remote computer Relay for reject output Print-out</p>

SHIPPING SPECIFICATION

Machine: 2 boxes total, gr. wt. 600kg, 2.3CBM

Machine with motorized screw: 3 boxes total, gr. wt. 900kg 3.7CBM

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

Foundrax portable, BRIN200 series, BRINscan, special hardness testers

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



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