

## BRIN200 SERIES



### BRIN200C – Brinell hardness calibration machine to ISO 6506-3:1999

incorporating stand mounted high magnification measuring microscope system, including light source, proprietary X-Y table and certified electronic indicator having an accuracy of 0.001mm or better; PC and printer, and proprietary software to create and print UKAS (or similar) certificates of calibration

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**World Leaders**

Brinell Hardness

Testing Equipment



No 0231

## BRIN200C BRINELL CALIBRATION MACHINE TO ISO 6506-3 1999

Foundrax were the first company in the United Kingdom to be officially recognised for the manufacture of Brinell reference blocks, and are recognised worldwide for the very high quality of our Brinell reference blocks. The BRIN200C has been used to calibrate all UKAS certified Foundrax Brinell reference blocks for many years, is highly reliable, and is extremely accurate. The current generation of the BRIN200C is the product of many years of proven experience and development and is sure to give many years of good service, furthermore Foundrax can manufacture the BRIN200C to take into account any special software or hardware requirements that you may have. The test forces are applied using the traditional lever and weight method but the force build-up and indentation force are monitored via a load cell, giving highly reliable and repeatable force application using the most modern closed loop control systems and software. Using the system is simple, all the operations associated with indentation are automatic, and the indentation measurement is clear and straight forward. Only the minimum of training is required for optimum results.

<p style="text-align: center;"><b>SPECIFICATIONS</b></p> <p>Test height: - 210mm          Throat: - 200mm          Overall dimensions:          800 (w) 1025(d) 1175 (h – without support table)          Electrical supply: 380 – 440v 3ph 50Hz (5 wires – 3 phases, neutral and earth) or local supply</p>	<p style="text-align: center;"><b>OPTIONAL EXTRAS</b></p> <p>Stage micrometer UKAS Certified to ISO 6506-3          5mm &amp; 10mm indenters UKAS Certified to ISO 6506-3</p>
<p style="text-align: center;"><b>STANDARD EQUIPMENT</b></p> <p>10mm &amp; 5mm indenters UKAS Certified to ISO 6506-3          Testing table – 200mm dia.          Machine support table with anti-vibration mounts</p>	<p style="text-align: center;"><b>STANDARD FEATURES</b></p> <p>All Brinell scales 250-3000kgf          Test results saved to disk          Data output to computer          Proprietary measuring microscope system including XY table          Calibration certificate software with print-out facility</p>

### SHIPPING SPECIFICATION

Machine: 3 boxes total. Approx. size and weights: Box 1: 3.38 M<sup>2</sup>, 900 Kg. Box 2: 0.6 M<sup>2</sup>, 260 Kg. Box 3: 0.41 M<sup>2</sup>, 60 Kg

<b>THE BRIN200 SERIES BRINELL HARDNESS TESTERS</b>			
<b>BRIN200B</b>	Manual Brinell hardness tester		
<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>BRIN200C</b>	Brinell hardness calibration machine to ISO 6506-3 1999, with PC operated control system, reference block making software and measuring microscope system complete.		
<b>OPTIONAL ADDITIONAL FEATURES</b>			
- T	Automatic time cycle – available on each machine (included on BRIN200C)		
- S	Motorized screw – available on each machine		
- L	Additional HB2.5/187.5 scale – optical measurement available on <b>BRIN200A</b> and <b>BRIN200D</b> machines		
- I	50% increase (approx.) in magnification available on <b>BRIN200A-L</b>		
<b>BRIN200B</b>	BRIN200B-T	BRIN200B-S	BRIN200B-TS
<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
<b>BRIN200C</b>			

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

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

# FOUNDRAx

Your nearest contact is:

Foundrax Engineering Products Ltd  
Foundrax Engineering Products Ltd  
Wessex Park, SOMERTON TA11 6SB England  
Tel: +44 (0)1458 274888 Fax: +44 (0)1458 274880  
Email: [sales@foundrax.co.uk](mailto:sales@foundrax.co.uk) Website: [www.foundrax.co.uk](http://www.foundrax.co.uk)