

FOUNDRA~~X~~ BRINscope MANUAL BRINELL MICROSCOPES



New LED light source gives superb optical clarity and over 360 hours continuous use!

Other key features include:

Special 3-way precision ground pre-focused lens system requiring no adjustment

Stainless steel upper body is practically indestructible, lenses well protected

Integral light source gives the correct illumination for accurate measurements and best agreement between operators

x 20 or x 40 magnification

Narrow nose for reading impressions where other microscopes will not fit

World Leaders

Brinell Hardness
Testing Equipment



No 0231

MANUALLY OPERATED BRINELL MICROSCOPES

For accurate measurements of Brinell indentations and case hardness depths.

The New LED light source gives superb optical clarity and with battery life proven in tests to give over 360 hours useable illumination.

The Microscope is completely portable. Along with the Stage Micrometer, it is housed in a protective case which will also fit into the pocket.

The microscope is designed to be easy to hold either when checking a reference block or testing a component



SPECIFICATIONS

Model	BRINscope 20	BRINscope 40
Magnification	x20	x40
Scale	0-6mm	0-3mm
Divisions of	0.1mm	0.05mm

Case
Dimensions 238x105x50 260x105x50

Each Foundrax **BRINscope** Brinell Microscope comes complete and ready for use with fitted battery, plastic covered pocket conversion tables and Rexine covered velvet lined protective wooden box.

The Foundrax **BRINscope** manual Brinell microscope gives the accuracy of a **scientific instrument** with the reliability and robustness required for use on the **shop floor** – even in harsh industrial environments such as those found in foundries, forges, and steelworks.

As a battery operated unit, this makes the **BRINscope** completely portable, and since it is operated by a button switch which only puts the light on when the Microscope is actually in use, the Lithium batteries will give over **360** hours of useable illumination – **no mains power required.**

Although the Foundrax **BRINscope** Brinell microscope will never go out of calibration if used normally, it is necessary to have a means of verifying its accuracy from time to time, and a **FOUNDRAx STAGE MICROMETER** (a certified checking scale) can be supplied as an optional extra and provision is made for it in the microscope case.



The small area of the nose piece allows indentations to be read close up to shoulders, in corners etc. where Brinell hardness testers can make them but where other microscopes cannot reach, such as on pulleys, sheaves etc. Consequently only a smaller surface area has to be prepared. When the piece to be tested has a convex or concave surface, the Foundrax Brinell Microscope measures more accurately, since the small base fits flush on the indentation.

The Foundrax **BRINscope** Brinell Microscope calibrated to the requirements of BS EN ISO 6506-2 and ASTM E10-01 provides the proper focus and lighting to make correct readings of Brinell hardness indentations. The completely assembled instrument offers precision ground optics, a special 3-way lens system that provides sharp viewing without further adjustments. Made of stainless steel the Foundrax Brinell Microscope is compact, lightweight and rugged - and it has its own built-in illumination

Did you know the Foundrax also manufacture a full range of fully automatic Brinell microscopes?

Ask for details about the **BRINtronic** series of **fully automatic Brinell microscopes** – the original automatic Brinell microscope and still the best!

FOUNDRAx

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 Website: www.foundrax.co.uk

Your nearest contact is: