

# U.S. MICRO-OPTICAL SOLUTIONS USZ-7000 BRINELL MICROSCOPE

QUICK and EASY MEASUREMENTS OF BRINELL IMPRESSIONS

# 3

YEAR  
WARRANTY



US Micro-Optical Solutions offers a rugged, stable, free-standing portable instrument for reading brinell impressions. The high quality optics in the 10x focusable eyepiece and 2x objective provides 20x total magnification.

## USZ-7000

### EYEPIECE

10x wide field (22mm F.O.V.), high eyepoint with foldable rubber eyeguard.

### OBJECTIVE

2x magnification-doublet housed in an aluminum retainer aligned and calibrated.

### RETICLE

Easy to read glass reticle with 0-5mm linear scale in 0.1mm increments.

### HOUSING

All aluminum lightweight housing cushioned with a shock absorbing textured grip.

### NOSEPIECE

Stainless steel, reversible nosepiece allows the unit to be free-standing or flip and gain access to those hard to reach areas.

### LIGHTING

The Brinell Microscope may be used under normal room or outdoor lighting conditions. Attached is a battery-powered (2-AAA) included, adjustable beam light source. The light source pivots for compact storage.

### CALIBRATION

Factory calibrated for magnification and focus. To focus to the individual users needs, simply rotate the focusing eyepiece. An optional calibration standard is available.

### CARRY CASE

All units come with a cushioned carry case.



### ORDERING INFORMATION

Catalog Number    Description

USZ-7000            20x Brinell Microscope with focusable eyepiece, reticle, illuminator and carry case.

USZ-7100            Flashed opal stage micrometer disc for Brinell Microscope calibration.



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*Due to a policy of continued improvement, we reserve the right to change product/specifications without notice.*