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U.S. MICRO-OPTICAL SOLUTIONS
USZL-4 STEREO ZOOM MICROSCOPE

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2

YEAR
WARRANTY

STUDENT STEREO ZOOM



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The **USZL-4** is an economical choice perfect for the educational environment or light industry. It offers 10-40x magnification, a 20mm F.O.V. and a long 90mm working distance. It has a sharp image with high resolution.

USZL-4

VIEWING HEAD

The binocular head rotates 360° and is inclined at a 45° angle for easy viewing. The pod features an interpupillary adjustment range of 55-75mm and has right and left dioptic adjustment. With the optional adapter ring, this pod can be used in your USZ-4, 6 & 7 stands.

EYEPIECES

The 10x locking eyepieces resist student tampering. The wide 20mm diameter field of view accommodates most needs.

FOCUSING ADJUSTMENT

Knurled knobs drive a rack and pinion system that allows smooth focusing.

STAND

The rugged die cast aluminum stand and plated metal post with restrictor ring to avoid accidental slippage are mounted on non-marking slip resistant rubber feet. Optional stands and holders are available.

ARM & UPRIGHT ASSEMBLY

Rugged die cast aluminum arm is mounted to a dovetailed rack and pinion upright focus system.

ILLUMINATION

Both the transmitted & incident lamps are 12V/10W Halogen.

STAGE

Cast aluminum stage platform comes with a fixed glass stage plate and metal stage clips to retain your sample. Optional solid black/white reversible stage plates are available.

SPECIFICATIONS

Viewing Head	Binocular
Head Rotation	360°
Head Incline	45°
Interpupillary Adjustment	55mm to 75mm
Dioptic Adjustment	Right & Left Eyetube Focusable +/-5mm
Eyepiece Magnification	10x Widefield (locked-in) with Eyeguards
Eyepiece Field Diameter	20mm
Magnification Range	10x-40x Std.
Working Distance	90.5mm
Stage Plate	Frosted Glass Plate (optional black & white reversible)
Stage Clips	Metal - Spring Tension
Focusing Movement	62mm
Vertical Max. Extension	146mm (from base to pod)
Upper Illumination	Incident Light 12V/10 Watt Halogen
Lower Illumination	Transmitted Light 12V/10 Watt Halogen
Base Dimensions	9in x 6in (230mm x 150mm) approx.
Weight	10 lbs. (4.54kg) approx.



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