

ULTRA M SERIES MODELS	ULTRA M2	ULTRA M4	ULTRA M3	ULTRA M5
TYPE BINOCULAR STEREOMICROSCOPE	Parallel (Galilean)	Parallel (Galilean)	Convergent (Greenough)	Parallel (Galilean)
LIGHT SOURCE	LED	LED	LED	LED
LIGHT SOURCE CONFIGURATION	Compact/horizontal	Compact/horizontal	Tower with Tilt	Tower with Tilt
BACKGROUND ILLUMINATION	Yes	Yes	Not standard	Yes
LIGHT FILTERS	Cobalt Blue, Red-free, Blue LED Correction	Cobalt Blue, Red-free, Blue LED Correction	Cobalt Blue, Red-free, Blue LED Correction, Yellow	Cobalt Blue, Red-free, Blue LED Correction, Yellow
SLIT WIDTH	0–14mm continuous variable	0–14mm continuous variable	0–14mm continuous variable	0–14mm continuous variable
APERTURE DIAPHRAGM DIAMETER (Ø)	14, 8, 5, 3, 0.3mm	14, 8, 5, 3, 0.3mm	14, 10, 5, 3, 2, 1, 0.2mm	14, 10, 5, 3, 2, 1, 0.2mm
TOTAL # POWER MAGNIFICATIONS	3 (10x, 16x, 25x)	5 (6.3x, 10x, 16x, 25x, 40x)	2 (10x, 16x) [3 (25x with 16x eyepieces)]	5 (6.3x, 10x, 16x, 25x, 40x)
MAGNIFICATION CHANGE	3 position rotating drum	5 position rotating drum	2 position switch revolving objective	5 position rotating drum
EYE PIECES	16x wide-field, high-eyepoint	16x wide-field, high-eyepoint	10x, (16x optional)	16x wide-field, high-eyepoint
FIELD OF VIEW (Ø)	23.3mm, 14mm, 8.8mm	35.9mm, 23.3mm, 14mm, 8.8mm, 5.5mm	18, 11.25 (with 10x eyepieces) 15, 9.3mm (with 16x eyepieces)	35.9mm, 23.3mm, 14mm, 8.8mm, 5.5mm
INTERPUPILLARY ADJUSTMENT	52–82mm	52–82mm	52–82mm	52–82mm
DIOPTER ADJUSTMENT RANGE	(+/-) 7 diopters	(+/-) 7 diopters	(+/-) 8 diopters w 10x eyepieces (+/-) 10 diopters w 16x eyepieces	(+/-) 7 diopters
HORIZONTAL COARSE MOVEMENT	105mm	105mm	105mm	105mm
HORIZONTAL FINE MOVEMENT	15mm	15mm	15mm	15mm
VERTICAL MOVEMENT	30mm	30mm	30mm	30mm
FIXATION LIGHT SOURCE	Red LED on Flexible Arm	Red LED on Flexible Arm	Red LED on Flexible Arm	Red LED on Flexible Arm
EXPANDED PATIENT CHIN REST	Not standard (option only)	Yes	Not standard (option only)	Yes
CHIN REST ELEVATION	85mm	95mm	95mm	85mm
POWER SUPPLY	AC100V–240V (+/-10%)	AC100V–240V (+/-10%)	AC100V–240V (+/-10%)	AC100V–240V (+/-10%)
POWER CONSUMPTION	DC5V 2A	DC5V 2A	DC5V 2A	DC5V 2A
WEIGHT	11Kg	11.5Kg	12.5Kg	12.5Kg
DIMENSIONS/ILLUSTRATIONS	462mm h x 348mm w (front) 462mm h x 369mm w (side)	462mm h x 484mm w (front) 462mm h x 329mm w (side)	676mm h x 348mm w (front) 676mm h x 369mm w (side) [420mm to optics]	676mm h x 484mm w (front) 676mm h x 329mm w (side) [420mm to optics]



ALL ULTRA M SERIES SLIT LAMPS COME PRE-ASSEMBLED AND INCLUDE A STANDARD 3-YEAR WARRANTY.

