

METZER-M
HIGH-TECH OPTICAL INSTRUMENTS

SIMPLY
PURE EXCELLENCE
TO ACHIEVE
MORE

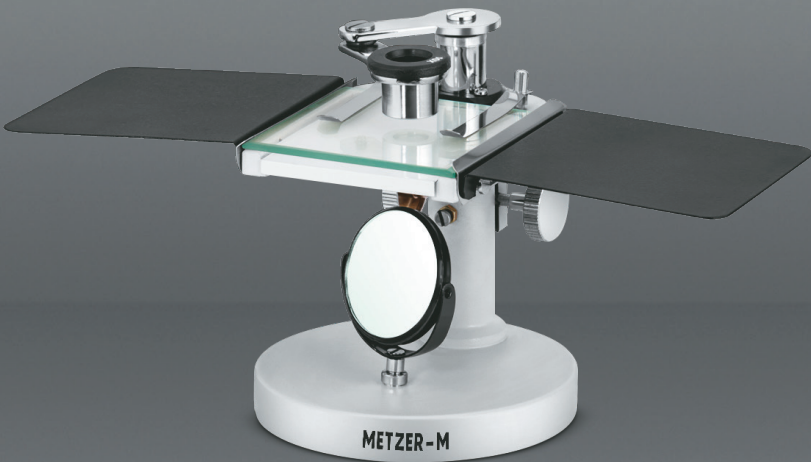
LABORATORY BIOLOGICAL
MICROSCOPES



METZER Microscope range offers an extensive choice of affordable microscope to suit all budgets. From basic educational needs to the more specialized requirements of the research clinical scientist, we have the perfect solution.

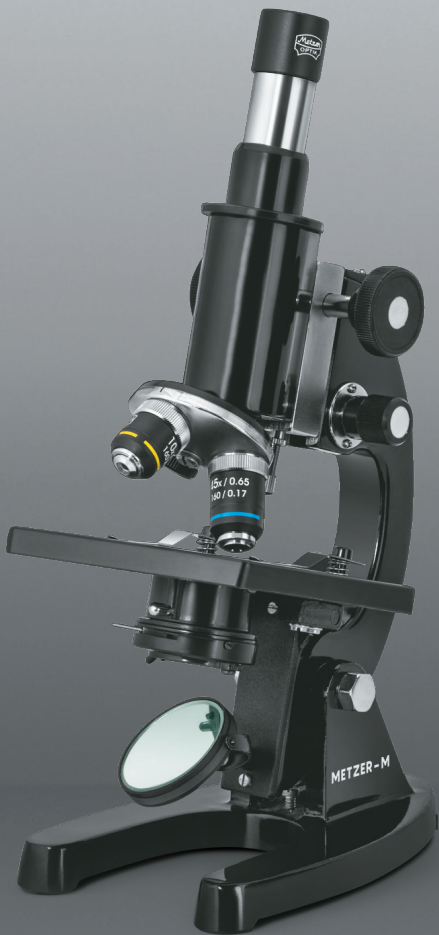
Our range includes monocular, binocular or trinocular configurations to suit most typical applications and requirements. These use bright field, phase contrast, dark field, polarization or fluorescent light techniques and are supplied with optics ranging from achromatic to infinity corrected planachromatic objectives, depending on the model.

All Microscopes are manufactured to the highest specification demand by the relevant application.



METZER – M DISSECTING MICROSCOPE
MODEL METZ –33

Magnification	10x & 20x.
Stand	Stable & Robust with round base.
Body	Two hinged joint arm for moving the magnifying lens over the stage.
Focusing	Focusing by rack and pinion Mechanism.
Stage	Square Stage with two clips for holding slides.
Eye-Pieces	10x and 20x



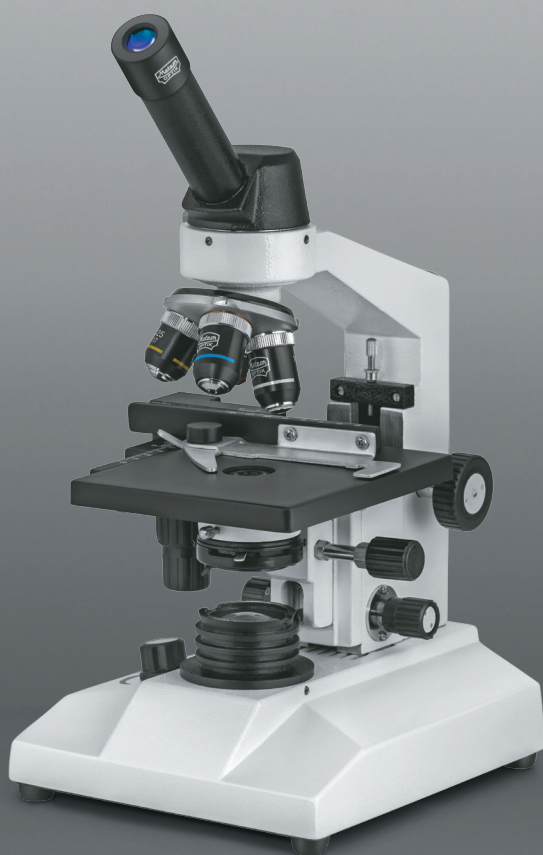
METZER – M STUDENT MICROSCOPE
MODEL METZ – 36.

Magnification	100x - 450x.
Stand	Robust and stable inclinable through 90°, Mechanical tube length 160mm.
Focusing	Separate knobs for coarse and fine motion.
Stage	Fixed square stage size 120 x 120 mm. with clips.
Illumination	Plano Concave mirror in fork mount replaceable by Sub stage microscope lamp.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder.
Nose Piece	Dust proof triple revolving nose piece with positive click stops.



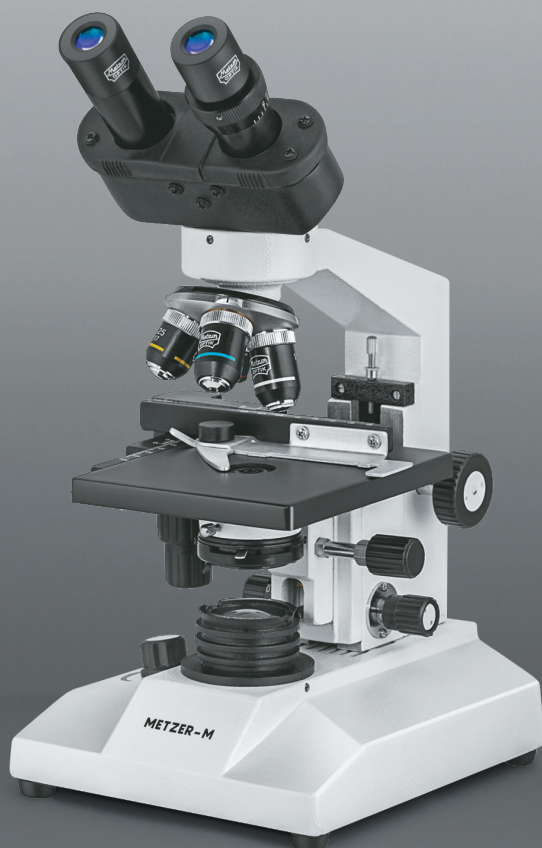
METZER – M MEDICAL RESEARCH MICROSCOPE
MODEL METZ – 38.

Magnification	100x – 1000x.
Stand	Robust and stable inclinable through 90°, Mechanical tube length 160mm.
Focusing	Separate knobs for coarse and fine motion.
Stage	Fixed square stage size 120 x 120 mm. with co-axial graduated Mechanical stage for X & Y movements up to 55mm to 75mm.
Illumination	Plano Concave mirror in fork mount replaceable by Sub stage microscope lamp.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder focusable by rack & pinion.
Nose Piece	Dust proof triple revolving nose piece with positive click stops.
Objectives	Achromatic 10x, 45x & 100x oil (SL).
Eye Pieces	W.F. 10x Anti Fungus Coated.



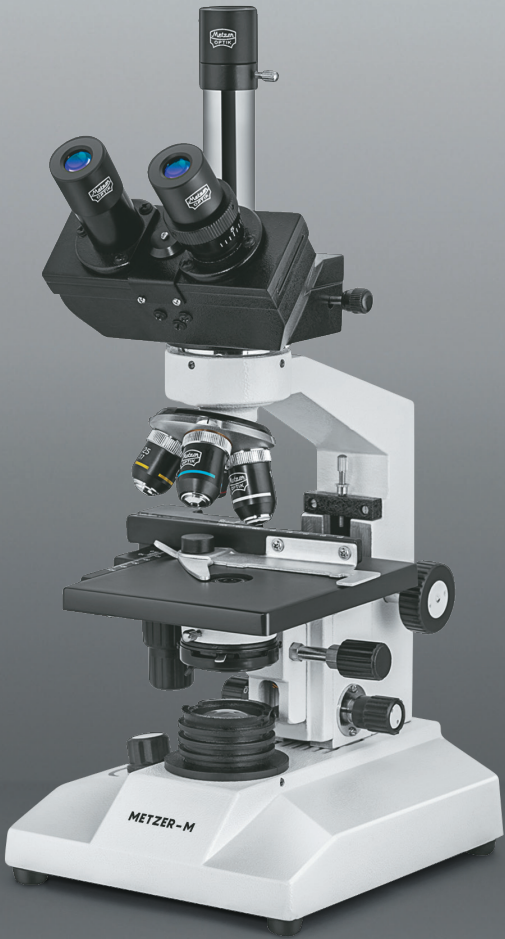
**METZER – M MONOCULAR RESEARCH MICROSCOPE
MODEL METZ – 777.**

Magnification	100x – 1000x.
Observation	360° rotatable 45° inclined Monocular head.
Stand	A metal rugged heavy stand.
Focusing	Coarse and fine focusing by conveniently placed separate knobs 1 div. 0.002 mm.
Stage	Fixed square stage size 120 x 140 mm. with co-axial graduated Mechanical stage for X & Y movements up to 55mm to 75mm with Clips.
Illumination	The illuminator incorporated 3W led lamp and has adjustable brightness with LED backup and intensity controller.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder focusable by rack & pinion.
Nose Piece	Quadruple revolving nosepiece
Objectives	Achromatic objectives 4x, 10x, 40x (spring),
Eye Pieces	W.F. 10x Anti Fungus Coated.



METZER – M BINOCULAR RESEARCH MICROSCOPE
MODEL METZ – 778

Magnification	50x – 1000x.
Observation	Binocular 45°, 360° rotatable, with interpupillary and diopter adjustment.
Stand	A rigid & heavy stand.
Focusing	Coarse and fine focusing by conveniently placed separate knobs 1 div. 0.002 mm.
Stage	Horizontal Mechanical stage 120 x 140 mm. with fine vernier graduation. Designed with convenient co–axial adjustment for slide manipulation through 50 x 70 mm.
Illumination	The illuminator incorporated 3W LED lamp and has adjustable brightness.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder focusable by rack & pinion.
Nose Piece	Quadruple revolving nose piece with positive click stops.
Objectives	Achromatic 5x, 10x, 45x & 100x oil (SL).
Eye Pieces	W.F. 10x Anti Fungus Coated.(Paired) F.O.V.18 MM.



METZER – M TRINOCULAR RESEARCH MICROSCOPE
MODEL METZ – 779

Magnification	50x – 1000x.
Observation	Trinocular 45°, 360° rotatable, with interpupillary and diopter adjustment.
Stand	A rigid & heavy stand.
Focusing	Coarse and fine focusing by conveniently placed separate knobs 1 div. 0.002 mm.
Stage	Horizontal Mechanical stage 120 x 140 mm. with fine vernier graduation. Designed with convenient co–axial adjustment for slide manipulation through 50 x 70 mm.
Illumination	The illuminator incorporated 3W LED lamp and has adjustable brightness.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder focusable by rack & pinion.
Nose Piece	Quadruple revolving nose piece with positive click stops.
Objectives	Achromatic 5x, 10x, 45x & 100x oil (SL).



METZER – M TRINOCULAR REASEARCH MICROSCOPE
MODEL METZ – 779A.

Magnification	50x – 1000x.
Observation	Trinocular 45°, 360° rotatable, with interpupillary and diopter adjustment.
Stand	A rigid & heavy stand.
Focusing	Coarse and fine focusing by conveniently placed separate knobs 1 div. 0.002 mm.
Stage	Horizontal Mechanical stage 120 x 140 mm. with fine vernier graduation. Designed with convenient co-axial adjustment for slide manipulation through 50 x 70 mm.
Illumination	The illuminator incorporated 3W LED lamp and has adjustable brightness.
Condenser	Sub stage Abbe filter holder N.A. 1.25 condenser with Iris diaphragm and swing out filter holder focusable by rack & pinion.
Nose Piece	Quadruple revolving nose piece with positive click stops.
Eye Pieces	W.F. 10x Anti Fungus Coated.(Paired) F.O.V.18 MM.
Digital	5.0 Megapixel Color CMOS sensor, Size 1/2", Pixel size 2.2x2.2 micron Resolution 2592x1944, P
Usb Camera	C interface, 30 bit color depth, exposure time 1 Microsecond to 2 seconds. High Image Transmission convenient to use any standard Microscope. Digital Camera can change image into Digital signal & send it to your P.C.

Manufactured by:
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