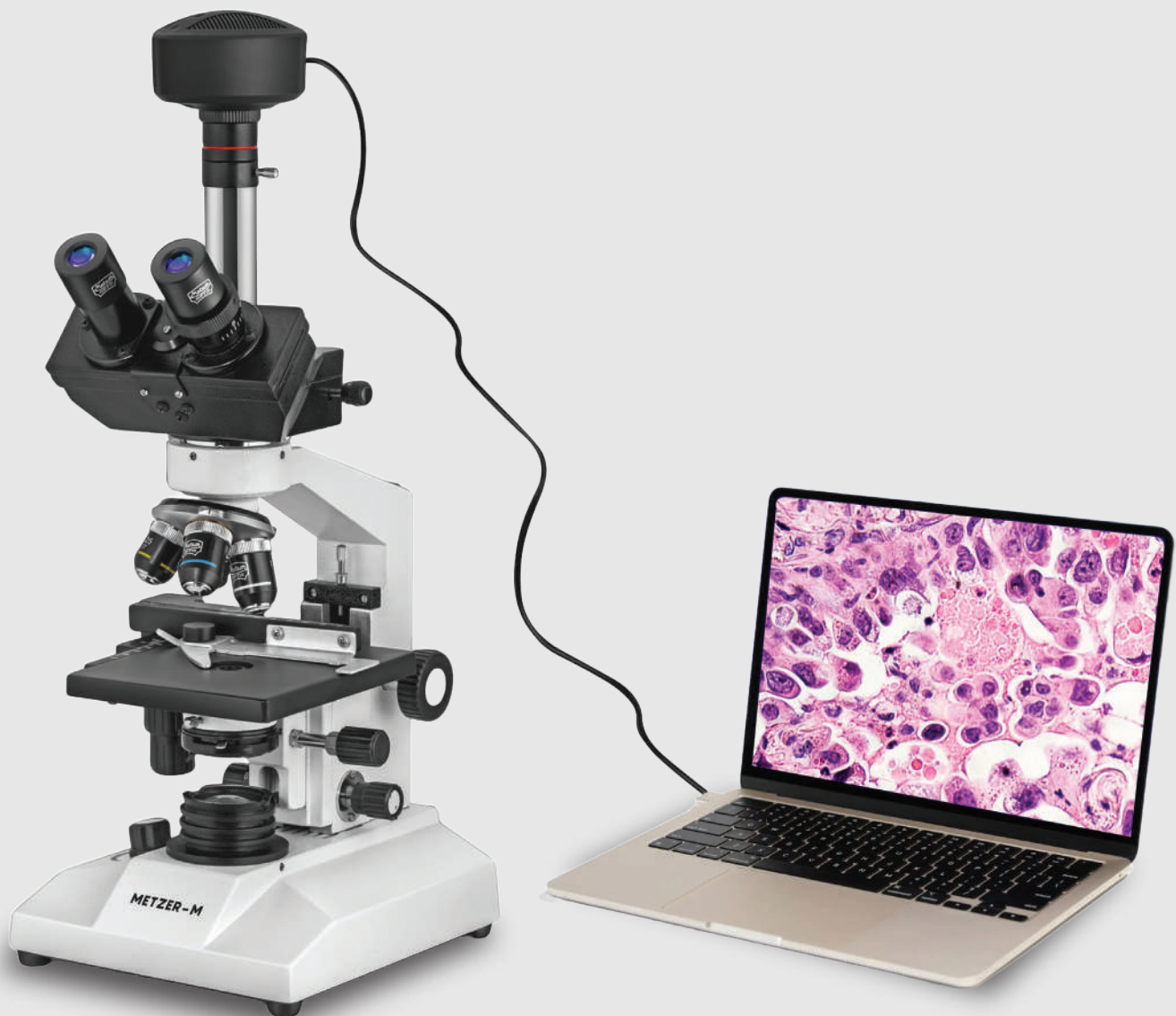


# DIGITAL TRINOCULAR RESEARCH MICROSCOPE WITH USB DIGITAL CAMERA

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METZ-779 A



**SPECIFICATIONS**

|               |   |
|---------------|---|
| 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<br>1 div. 0.002 mm.  |
| Stage         | Horizontal Mechanical stage 120 x 140 mm. with fine vernier graduation.<br>Designed with convenient co-axial adjustment for slide manipulation<br>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<br>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.   |

**DIGITAL MICROSCOPIC USB CAMERA: M 5.0**

**SPECIFICATIONS**

|             |  |   |                           |
|-------------|--|---|---------------------------|
| Sensor      | 5.0 Megapixel Color CMOS Sensor, Size 1½". |   |                           |
| Resolution  | 592 x 1944                                 | Exposure Time   | 1 Microsecond to 2 Second |
| Pixels Size | 2.2µm x 2.2µm                              | Features:   |                           |
| Frame Rate  | 8fps@259 x 1944<br>30fps@640 x 480         | <ul style="list-style-type: none"> <li>• Interfaced to a computer via USB 2.0 technology for rapid image download.</li> <li>• Plug-to-use, suitable with any standard biological, stereo and metallurgical microscope.</li> <li>• Ease of operation; suitable with any Metzer - M Digital imaging software.</li> <li>• Standard C-Mount makes connection to any microscope easy.</li> </ul> |                           |

