

Specifications Visoria M

Microscope	
Size and weight	Length: 410 mm, width: 331 mm, height: 505 mm, approx. 18 kg (depending on configuration)
Stand	Illumination toggle buttons with status indicator, image capture button, built-in analyzer slot, antimicrobial surface with AgTreat according to ISO 22196
Optics	
Nosepiece	Encoded 5x (M32), encoded 6x (M25)
Eyepieces (FOV)	20 / 22 / 25 mm
Tubes	Wide range of standard, ergonomic and phototubes available, with different beam splitters available
Digital version	Digital version with 10" screen / tablet
Ergonomic accessories	Wide range of ergonomic accessories available (ErgoTubes, ErgoLift, ErgoModules)
Encoded illumination management	IL and TL: High-power white LED, encoded 4-color fluorescence illumination, further external light sources on request (non-encoded)
Incident light axis	Manual encoded, 4-fold filter turret, color-coded diaphragm assistant; aperture diaphragm, slots for analyzer / polarizer, two filter positions
Fluorescence light axis	Optional
Incident light (IL)	Methods: Brightfield (with BF cube or Smith reflector), darkfield, DIC, fluorescence, oblique illumination, qualitative polarization
Transmitted light axis	Manual, fixed and flip-top condenser operation with color-coded diaphragm assistant
Transmitted light (TL)	Methods: Brightfield, darkfield, phase contrast, DIC, qualitative polarization
Operation	
Stage	Stages are exchangeable and height-adjustable. manual XY-stage 76 x 50 mm / 3-plate stage (4 x 4), additional stages (incl. rotating or large-sample stages)
Stage control	Left-, right-handed stage, torque-adjustable handle
Focus drive	Height-adjustable focus knobs, 19 mm travel range, maximum 28 mm total stage stroke depending on stage and condenser type, 2-gear focus drive (coarse / fine) with 140, 4 and 1 µm scale, torque adjustment, and adjustable upper focus stop
Accessories	
Analyzer	Fixed, 180°, 360°
Polarizer	Fixed, 0 / 45 / 90°, 90° with rotatable lambda plate, 360°, fixed with lambda plate
General specifications	
Supply voltage	100–240 V AC, 50 / 60 Hz, power consumption max. 15 W
Ambient conditions	15–35°C, relative humidity max. 80% up to 30°C (non-condensing)

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