



Monocular brightfield microscope, 400x, multi-plug

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| Observation Method - Transmitted Light | Brightfield | Yes |
| | Simple polarized light | As optional |
| Main Body | Type | Upright |
| | Construction material | Aluminum die-cast |
| Head | Type | Monocular |
| | Inclination | 45° |
| | 360° rotating | Yes |
| | Fixing screw for eyepieces | Yes |
| | Tube inner diameter (mm) | 23 |
| Eyepieces | Field number (mm) | 18 |
| | Magnification | 10x |
| | Pointer | As optional |
| | Micrometric scale | As optional |
| Nosepiece | Positions | Triple |
| | Bi-directional | Yes |
| | Rotation on ball bearings | Yes |
| | Objective thread | RMS |
| Objectives | Optical system | 160 |
| | Anti-fungus treatment | Yes |
| | Parfocal distance (mm) | 45 |
| | Standard magnifications | 40x-400x |
| | Type | Achromatic |
| | | 4x/0.10, W.D. 10.6 mm |
| | | 10x/0.25, W.D. 7.0 mm |
| | 40x/0.65, W.D. 0.5 mm | |
| Stage | Type | Fixed |
| | Dimensions (mm) | 120x110 |
| | Moving mechanism | As optional |
| | Material | Anti-scratch painting |
| | Specimen clips | Yes |
| | Slide number | 1 |
| Condenser - Single Position | Type | Fixed |
| | Numerical aperture (N.A.) | 0.65 |
| | Diaphragms | Iris |
| Focusing System | Type | Separated coarse & fine |
| | Coarse total travel (mm) | 13 |
| | Fine total travel (per single rotation) (mm) | 0.1 |
| | Upper stop to prevent contact | Yes |
| | Adjustable tension | Yes |

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| Transmitted Illumination | Type | LED |
| | Light source power (W) | 0.5 |
| | Brightness control | Manual |
| | Lifetime (hours) | > 65,000 |
| | Temperature (K) | 6,300 |
| | Max. required power (W) | 1 |

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| Power Supply for Transmitted Illumination | Type | External |
| | Microscope connector | Jack, 2.1 mm |
| | Power plug type | Multi-plug (EU, UK, US) |
| | Input voltage | 100/240 Vac, 50/60 Hz |
| | Output voltage | 5 Vdc 500 mA |
| | Rechargeable batteries | Yes |
| | Battery type | Ni-MH (3x, AA size) |
| | Working time of batteries (hours) | up to 8 |
| | Charging time of batteries (hours) | 8 |

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| Accessories Included | Dust cover | Yes |
| | Tension adjustment tool | Yes |
| | User Manual | Digital version (downloadable) |

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| Additional Information | | Plane concave mirror (as optional). |
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| Product Dimensions | Height (mm) | 365 |
| | Width (mm) | 135 |
| | Depth (mm) | 220 |

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| Product Weight | (kg) | 2.3 |
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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.