



*Binocular microscope, 400x,
HC objectives*

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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 | Binocular (Siedentopf) |
| | Inclination | 30° |
| | 360° rotating | Yes |
| | Interpupillary distance (mm) | 48-75 |
| | Diopter adjustment | On left tube |
| | Fixing screw for eyepieces | Yes |
| | Tube inner diameter (mm) | 23 |
| Eyepieces | Field number (mm) | 18 |
| | Magnification | 10x |
| | Pointer | As optional |
| | Micrometric scale | As optional |
| | Diameter of micrometer glass (mm) | 20 |
| | High eyepoint (for glass wearers) | Yes |
| Nosepiece | Positions | Quadruple |
| | 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-1000x |
| | Type | HC |
| | | 4x/0.10, W.D. 18 mm |
| | | 10x/0.25, W.D. 7 mm |
| | 40x/0.65, W.D. 0.53 mm | |

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| Stage | Type | Double layer |
| | Dimensions (mm) | 125x116 |
| | Moving mechanism | Rack and pinion |
| | Moving range (mm) | 70x30 |
| | Material | Anti-scratch painting |
| | Specimen holder | Yes |
| | Slide number | 1 |
| | X-Y movement | Yes |
| | X-Y Vernier scale | Yes |
| | Vernier scale accuracy (mm) | 0.1 |
| Condenser - Single Position | Type | Abbe |
| | Numerical aperture (N.A.) | 1.25 |
| | Diaphragm | Iris |
| | Centrable | Pre-centered |
| | Focusable | By rotation |
| Focusing System | Type | Coaxial coarse & fine |
| | Coarse total travel (mm) | 16 |
| | Fine total travel (per single rotation) (mm) | 0,4 |
| | Fine graduations | 100 |
| | Fine resolution (μm) | 4 |
| | Upper stop to prevent contact | Yes |
| | Adjustable tension | Yes |
| Transmitted Illumination | Type | X-LED |
| | X-LED type | X-LED1 |
| | Light source power (W) | 1 |
| | Brightness control | Manual |
| | Lifetime (hours) | > 65,000 |
| | Temperature (K) | 6,300 |
| | Max. required power (W) | 1,5 |
| 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 |
| | LED indicator | Yes |
| | Rechargeable batteries | Yes |
| Accessories Included | Dust cover | Yes |
| | Tension adjustment tool | Yes |
| | User Manual | Digital version (downloadable) |
| Additional Information | | Mirror for transmitted light (as optional) |
| Product Dimensions | Height (mm) | 350 |
| | Width (mm) | 170 |
| | Depth (mm) | 320 |
| Product Weight | (kg) | 4 |