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Contact us: (888) 88-SOURCE | sales@artisanng.com | www.artisanng.com

Performance features

MS5 and MZ6 stereomicroscopes

| | |
|---|--|
| Design principle | Multiple-coated optical system with two parallel beam paths and one main objective (CMO) |
| Surface resistivity of antistatic material | <10 ¹¹ ohms per square centimeter, discharge time <2 seconds from 1000V to 100V |
| Maximum numerical aperture | 0.150 with 2.0× achromatic objective or 1.6× planapochromatic objective 0.075 with 1.0× achromatic objective |
| Resolution | 450 line-pairs / mm with 2.0× achromatic or 1.6× planapochromatic objective 225 line-pairs / with 1.0× achromatic objective |
| Magnification changer | MS5: five-step, 0.63×, 1.0×, 1.6×, 2.5×, 4.0× MZ6: 6:1 zoom, 0.63× to 4.0× |
| Seven ratchet positions (MZ6) | at 0.8, 1, 1.25, 1.6, 2, 2.5, 3.2 |
| Magnifications | 6.3× to 40× (with 1.0× objective and 10× eyepieces) |
| Total magnification | 2× to 320× |
| Field diameter | 0.8mm to 104.2mm |
| Working distances | 81mm (1.0× plano), 97mm (0.63× planapo), 135mm (0.5× plano), 27mm–297mm (achromats) |
| Planachromatic and planapochromatic objectives | 1.0× (plano, planapo), 0.5× (plano), 0.63× (planapo), 1.6× (planapo) |
| Interchangeable achromatic objectives | 1.0×, 1.5×, 2.0×, 0.8×, 0.63×, 0.5×, 0.32× |
| Wide-field eyepieces for eyeglass wearers | Distortion free, 10×/21B, 16×/14B, 25×/9.5B, 40×/6B |
| Dioptic correction | +5 to –5 |
| Eyecups | Variable degree of eye contact |
| Binocular tubes | ErgoTube™ 10° to 50° with synchronized interpupillary adjustment Various ErgoModules™ |
| Interpupillary distance | 52 to 76mm |
| Stands, illuminators | |
| Focusing drive | Coarse, fine, manual and motorized, tiltable for OEM adaptations (bonders) |
| Length of column | 300mm and 500mm, side-faced profile |
| Microscope carrier | Two basic heights, optics carrier rotatable through 360°, stereoscopic or vertical observation |
| Swing-arm stand | ESD version with 400/25mm column, large stand with 550/50mm column, alternative with clamp for 20–50mm thick table tops |
| Universal stand | 450/50mm or 800/50mm column, 52cm × 34cm baseplate, magnetic carrier for stages |
| Transmitted-light stands | Bright field, bright and dark field, high-performance base |
| Stages | Various, including rotatable polarization stage |
| Incident lamps | Inclined, coaxial, vertical, fibre-optic light guides, fluorescence module |
| Accessories | |
| Photomicrographic systems | Leica MPS30 and MPS60, fully automatic, with data back |
| Video, filming, software for archiving and for image processing | Various configurations, Leica IC A integrated video module, Leica DC 100 and DC 200 digital imaging systems, image manager |
| Attachments for second observers | For training and education |
| Drawing tube | For both left- and right-handed users |
| Double-iris diaphragm | For increasing the depth of field |
| Measuring graticules | For measuring lengths and for counting |
| Filter-slide housing | For two gelatine filters |
| Vertical and oblique observation | 45° all-round view by moving the optics rather than the specimen |



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