

Magnus

MAGNUS offers a wide range of microscopy solutions for Laboratory of science and medicine students.



Magnus Education Microscopes



MagMaster



MagStar



MagStereo

MagMaster

HM/SM 100

All metal rugged Stand with individual Coarse & Fine Focus drive with focus stop, Maintenance Free ECO LED illumination including Battery backup with regulating intensity control for 220V/50Hz, Achromatic Condenser 0.65/0.90NA with aperture iris diaphragm, stage plate with clips or two plate mechanical stage, Quadruple revolving nosepiece, Achromatic objectives 4x, 10x, 40x(Spring) and 100x(Spring) for SM 100, 360° rotatable 45° inclined Monocular head with Widefield Eyepiece 10x/18 lockable, anti-mould optics for fungus protection.



MagStar

EM 200/210

All metal rugged Stand with Coaxial Coarse & Fine Focus drive with focus stop, Fixed Koehler 6V 20W halogen/LED illumination with regulating intensity control for 220V/50Hz, movable Condenser drive, Abbe Condenser 0.9/1.25 NA with aperture iris diaphragm, Double layer Mechanical stage 132 mm X 140 mm with Coaxial X/Y drive including double slide holder, Paracentric Quadruple precision ball bearing nosepiece, Semi-Plan (SP) Achromatic objectives 4x, 10x, 40x (spring) & 100x (spring, oil immersion), 360° rotatable 45° inclined Monocular head with Widefield Eyepiece 10x/18 lockable, anti-mould optics for fungus protection.



Specification

| Model | | | MagMaster | | MagStar | |
|--------------------------------|---|--|-----------|-------|---------|-------|
| Parts | Function / Feature | Specification | HM100 | SM100 | EM200 | EM210 |
| Stand | Metal Base and Arm | built-in halogen/LED illumination | X | X | X | X |
| Focus drive | Separate coarse and fine focus knobs | Knurled hand grip. | X | X | | |
| | Co-axial coarse and fine focus knobs | Graduated with Vernier reading | | | X | X |
| | Focus stop | Adjustable | X | X | X | X |
| | focus drive tension adjustment | Adjustable | | | X | X |
| Nose piece | Quadruple (4x) | precision click stops and rubber grip | X | X | X | X |
| Specimen Stage | stage Plate | 110mmX120mm | X | | | |
| | Double plate Mechanical Stage with co-axial X-Y drive knobs | 115 X 125mm 132 X 148mm | | X | X | X |
| Specimen holder | Stage Clips | 2x spring loaded clips | X | | | |
| | Single slide holder | 30mm x 75mm scan area | | X | | |
| | Double Slide holder | 50mm x 75 mm scan area | | | X | X |
| Condenser | NA 0.65 / 0.90 | With disc diaphragm | X | | | |
| | Achromatic, Abbe NA1.25 | with iris diaphragm | | | X | X |
| | rack and pinion drive for condenser | focusable drive | | | X | X |
| Built-in Illumination | LED | Built-in Battery backup & Charger | X | X | | X |
| | Halogen 20W | Easy change lamp holder | | | X | |
| Power Supply | CE compliant, 90- 220 V, 50Hz with 3 pin plug | External power supply module for easy exchange/replacement | X | X | X | X |
| Tubes (360°C, Rotatable) | 45 Deg. Monocular head | Safe locking screw | X | X | X | X |
| Achromat/Spachromat Objectives | 4X/0.10 | | X | X | X | X |
| | 10X/0.25 | | X | X | X | X |
| | 40X/0.65 | Spring | X | X | X | X |
| | 100X/1.25(oil) | Spring | * | X | X | X |
| Eye-piece | WF 10X18mm | | X | X | X | X |
| Dust Cover | | | X | X | X | X |
| Optional Accessories | Filters | Blue | | | X | |
| | Eye piece with pointer | 10x18mm | * | * | * | * |
| | Eye piece with reticule | 10x18mm | * | * | * | * |
| | Wooden Case | | * | * | * | * |
| | 45Deg. Binocular head | Safe locking screw, IPD adjustment | - | - | * | * |
| | 30 Deg. Binocular head | Safe locking screw, IPD adjustment | - | - | * | * |
| | 20X/0.45 | | * | * | * | * |
| | 60X/0.85 | Spring | * | * | * | * |
| | WF 15X13mm | | * | * | * | * |
| | WF 20X 10mm | | * | * | * | * |

X :Standard supply

* :Optional

Blank :On request

- :Not available

MagStereo

FM 24

Dual Step Stereo Microscope with pillar stand for adjustable focusable working distance including transmitted & reflected light illumination, 95 mm glass plate, Black & White stage plate with clips, 360° rotatable Rack & pinion focus drive, dual step turret objective of 2x (81 mm) / 4x (58 mm) for magnification of 20x or 40x with paired widefield eyepiece 10x/ 20 mm, Microscope body with built in 45° binocular tube with IPD of 55-75 mm, +/- 5 mm adjustable diopter.



Specification

| Technical Feature | MagStereo |
|--------------------------------|--|
| | FM 24 |
| Optical design | Greenough |
| Stereo Optical system | Par focal |
| Magnification Changer | fixed 2x & 4x |
| Eyepieces | 10X/20mm |
| | 15X/13mm |
| | 20X/10mm |
| Dioptre correction | ± 5 |
| Binocular tube | Integrated |
| interpapillary Distance | 55mm-75mm |
| Binocular observation | 45deg |
| Working Distance | 81/58mm |
| Magnification Range | 20X & 40X |
| Stand | Pillar Stand |
| Focus Drive | Individual adjustable movement 60mm travel |
| Grip | Integrated |
| Illumination System | Long lasting LED |
| Incident and Transmitted light | Yes, as a standard |

Magnus

www.magnusoptics.com
email: info@magnusoptics.com

Marketed by:

OLYMPUS OPTO SYSTEMS INDIA PRIVATE LIMITED

A-5, Mohan Co-operative Indl. Estate, Mathura Road
New Delhi-110044 India, Tel.: 91-11-30886743, 30886744