

Motic®

New LED models from the Classic

Motic®



Motic®

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Design Change: The manufacturer reserves the right to make changes in instrument design in accordance with scientific and mechanical progress, without notice and without obligation.

CE



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More Than Microscopy

MS-2 Series Student Microscopes

Model MS-2

- Monocular head, inclined 45°, 360° rotating
- Widefield eyepiece WF10X / 18mm
- Objective 2x



Model MS-3

- Monocular head, inclined 45°, 360° rotating
- Widefield eyepiece WF15X / 12mm
- Objective 2x

OPTIONAL ACCESSORIES

Eyepieces (per piece)

- Huygens eyepiece H5X / 14.5mm*
- Widefield eyepiece WF10X / 18mm*
- Widefield eyepiece WF15X / 13mm*
- Huygens eyepiece H15X / 8mm*

Spare parts

- White stage plate*
- Dust cover (size A)*



SFC-3 Series Student Microscopes

A completely new attachable LED illuminator is now available for SFC-3 series.

Model SFC-3A

- Vertical monocular head
- Widefield eyepiece WF10X / 14mm
- Achromatic objectives 4X, 10X, 40X S
- Coarse focusing adjustment
- Rotary disc diaphragm
- 42mm plano-concave mirror and fork



Model SFC-3AF

- Vertical monocular head
- Widefield eyepiece WF10X / 14mm
- Achromatic objectives 4X, 10X, 40X S
- Coarse and fine focusing adjustment
- Rotary disc diaphragm
- 42mm plano-concave mirror and fork



SFC-3 Series Student Microscopes

Model SFC-3BFR

- Monocular head, inclined 45° and 360° rotating
- Widefield eyepiece WF10X / 14mm
- Achromatic objectives 4X, 10X, 40X S
- Coarse and fine focusing adjustment
- Rotary disc diaphragm
- 42mm plano-concave mirror and fork



OPTIONAL ACCESSORIES

Eyepieces (per piece)

Widefield eyepiece WF10X / 14mm

Objectives

Objective 4X / 0.10

Objective 10X / 0.25

Objective 40X / 0.65 / S

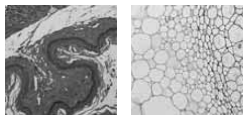
Spare parts

42mm plano concave mirror and fork

Dust cover (size A)

Illumination and Spare Bulbs

Attachable illumination LED cordless rechargeable
LED 20mA, 3.5V, 70mW



SFC-100 Series Biological Microscopes

The Classic SFC-100FL with Motic's in comparable LED lighting with Motic's carefully designed LED illumination

Model SFC-100FL

- Monocular head, inclined 45° and 360° rotating
- Widefield eyepiece WF10X / 18mm
- Achromatic objectives DIN 4X, 10X, 40X S
- Coarse and fine focusing adjustment
- 0.65 N.A. condenser
- Iris diaphragm with filter holder
- Tungsten illumination 220V-240V / 20W, VDE plug, CE



Model SFC-100FL (H)

- Monocular head, inclined 45° and 360° rotating
- Widefield eyepiece WF10X / 18mm
- Achromatic objectives DIN 4X, 10X, 40X S
- Coarse and fine focusing adjustment
- 0.65 N.A. condenser
- Iris diaphragm with filter holder
- Halogen illumination 12V / 10W
- Outside plug transformer, main supply 220-240V, VDE plug, CE



OPTIONAL ACCESSORIES

Eyepieces (per piece)

Huygens eyepiece H5X / 14.5mm

Widefield eyepiece WF10X / 18mm

Widefield eyepiece WF15X / 12mm

Huygens eyepiece H15X / 8mm

Micrometer eyepieces (per piece)

Micrometer eyepiece WF10X / 18mm, 100 divisions in 10mm

Reticle 19mm (for 18mm eyepiece), 100 divisions in 10mm

Reticle holder

Achromatic objectives

Achromatic objective 4X / 0.10

Achromatic objective 10X / 0.25

Achromatic objective 20X / 0.40

Achromatic objective 40X / 0.65 / S

Achromatic objective 60X / 0.85 / S

Achromatic objective 100X / 1.25 / S - Oil

Spare parts

Mechanical stage MSH-008

Polarizing equipment B.201

Blue filter

Dust cover (size B)

42mm plano-concave mirror and fork

Plastic carrying case

Aluminium box

Spare bulbs

Halogen bulb 12V / 10W

Tungsten bulb 220V-240V / 20W

Model SFC-100FLED (Iris)

- Monocular head, inclined 45° and 360° rotating
- Widefield eyepiece WF10X / 18mm
- Achromatic objectives DIN 4X, 10X, 40X S
- Coarse and fine focusing adjustment
- 0.65 N.A. condenser
- Iris diaphragm with filter holder
- LED illumination 20mA, 3.5V, 70mW, intensity control
- Main supply 220V-240V, VDE Plug, charger included, CE



OPTIONAL ACCESSORIES

Eyepieces (per piece)

- Huygens eyepiece H5X / 14.5mm
- Widefield eyepiece WF10X / 18mm
- Widefield eyepiece WF15X / 12mm
- Huygens eyepiece H15X / 8mm

Micrometer eyepieces (per piece)

- Micrometer eyepiece WF10X / 18mm, 100 divisions in 10mm
- Reticle 19mm (for 18mm eyepiece), 100 divisions in 10mm
- Reticle holder

Achromatic objectives

- Achromatic objective 4X / 0.10
- Achromatic objective 10X / 0.25
- Achromatic objective 20X / 0.40
- Achromatic objective 40X / 0.65 / S
- Achromatic objective 60X / 0.85 / S
- Achromatic objective 100X / 1.25 / S - Oil

Why choosing Motic LED illumination:-

- LED light provides a NO-HEAT illumination eliminating heat problems generated from the traditional light bulbs, especially important for incident light of stereo microscopes
- Low-voltage operation ensure maximum safety for classrooms
- Auto cut-off function on all LED circuits ensure batteries will not be over-charged
- Long-life of LED bulbs (5,000-10,000 hours) enhances frequent use of the microscopes
- Motic carefully select of LED bulbs with exact colour temperature for maximum comfort of viewing
- Cordless models features a rechargeable battery concept for a hassle free operation
- Careful calculation on the optics to ensure perfect optical performances



Spare parts

- Mechanical stage MSH-008
- Polarizing equipment B.201
- Blue filter
- Dust cover (size B)
- Plastic carrying case
- Aluminium box

Spare bulbs

- LED 20mA, 3.5V, 70mW

Model S-10-P

- Vertical binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective 2X
- Plain pillar stand



Model S-10-LO

- Vertical binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective 2X
- Incident light 12V / 10W
- Main supply 220V-240V, VDE Plug, CE



Model S-20-LO

- 45° Binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective 2X
- Incident light 12V / 10W
- Main supply 220V-240V, VDE Plug, CE



S-10 Series & S-20 Series Stereo Microscopes

Model S-20-2LOO

- 45° Binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective 2X
- Incident and transmitted light 12V / 10W
- Main supply 220V-240V, VDE Plug, CE



OPTIONAL ACCESSORIES

Eyepieces (per piece)

Widefield WF5X / F.N.22
 Widefield WF10X / F.N.20
 Widefield WF15X / F.N.13
 Widefield WF20X / F.N.10

Micrometer eyepieces (per piece)

Graduated linear line and double cross hair,
 point 0.1mm/10mm

Objectives

Objective 2X (W.D. 80mm)
 Objective 3X (W.D. 61mm)
 Objective 4X (W.D. 48mm)

Spare parts

Black / White stage plate, ϕ 60mm
 Black / White stage plate, ϕ 80mm
 Frosted glass stage plate, ϕ 80mm
 Dust cover (size B)
 Eyecups (pair)
 Aluminium box

Spare bulbs

12V / 10W Tungsten replacement bulb



ST-30 Series Stereo Microscopes

*Motic ST-30 series with traditional tungsten and new LED illumination
 Equipped with carefully chosen LEDs (5 pcs for top light and 1 pc for bottom
 light), the Classic stereo line now offers maximum application possibilities.*

Model ST-30C-2LOO

- 45° Binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted illumination 12V / 10W
- Main supply 220V-240V, VDE Plug, CE



Model ST-30C-6LED corded

- 45° Binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted LED illumination
- Main supply 220V-240V, VDE Plug, CE



Model ST-30C-6LED cordless

- 45° Binocular head
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted rechargeable LED illumination
- Main supply 220V-240V, VDE Plug, CE



Model ST-36C-2LOO

- 45° Binocular head, 360° rotating
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted illumination 12V / 10W
- Main supply 220V-240V, VDE Plug, CE



Model ST-37C-2LOO

- 45° Binocular head, 360° rotating
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted illumination 12V / 10W
- Main supply 220V-240V, VDE Plug, CE
- Fixed arm for best ability and safety



Model ST-36C-6LED cordless

- 45° Binocular head, 360° rotating
- Widefield eyepieces WF10X / F.N.20
- Objective turret magnification changer [2X, 4X]
- Incident and transmitted rechargeable LED illumination
- Main supply 220V-240V, VDE Plug, CE



OPTIONAL ACCESSORIES

Eyepieces

- Widefield WF5X / F.N.22
- Widefield WF10X / F.N.20
- Widefield WF15X / F.N.13
- Widefield WF20X / F.N.10

Micrometer eyepieces (per piece)

- Graduated linear line and double cross hair,
point = 0.1mm/10mm

Polarizing and Darkfield Equipments

- Darkfield attachment with iris diaphragm
- B.301: Polarizing equipment [1-piece rotary]
- Jewellery clamp

Spare parts

- Black / White stage plate, ϕ 80mm
- Frosted glass stage plate, ϕ 80mm
- Dust cover (size B)
- Eyecups (pair)
- Plastic carrying case
- Aluminium box

Spare bulbs

- 12V / 10W Tungsten replacement bulb
- LED 20mA, 3.5V, 70mW

