Motic®

MORE THAN MICROSCOPY



SFC100 & ST30 SERIES

FOR AN EXPLOSIVE START INTO SCIENCE

DESIGNED FOR STUDENTS AND TEACHERS

SFC100 Series

Biological Microscope Series



Monocular head
360° rotatable

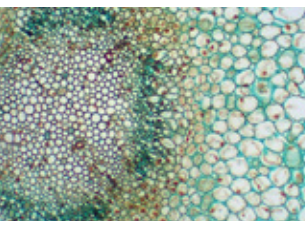
Triple
nosepiece

Achromatic
objectives

Separated focusing
coarse & fine

LED
illumination

Rechargeable
batteries



The perfect entry into the world of microscopy; robust, easy to handle, and affordable: The Motic SFC100 Series offers the ideal instrument for a first step into the “world of small things”. No plastics, but efficient optics 100% made of coated glass, this is the way to crisp and clear images for a long-term usage in classroom or for leisure activities. The SFC100 is a classic microscope with a classic performance.

SFC100 Series Technical Specifications

	SFC-100FLED Corded	SFC-100FLED Cordless
Observation Tube		
45° Inclined Monocular head for comfortable viewing while seated, rotates 360°	●	●
Eyepieces		
Widefield eyepiece 10X/18mm with built-in pointer	●	●
Nosepiece		
Revolving triple nosepiece with positive click-stops for precise magnification changes	●	●
Objectives		
DIN Achromatic objectives parfocal and parcentric 4X/0.1, 10X/0.25 and 40X/0.65 with spring	●	●
Focus mechanism		
Separate coarse and fine focusing adjustment with upper-limit stop to prevent damage to slides and objectives	●	●
Stage		
Large 120mmx110mm stage with locked-on, spring stage clips	●	●
Condenser		
Special built-in 0.65NA condenser with iris diaphragm and filter holder	●	●
Illumination		
LED illumination 20mA, 3.5V, 70mW	●	
Rechargeable LED illumination, 20mA, 3.5V, 70m, with intensity control, battery autonomy of 50 hours		●
MSRP Manufacturer Suggested Retail Price	170,00€	183,00€

The prices shown are recommended retail prices and may vary depending on the country. Taxes not included.

SFC100 Series Accessories

Eyepieces
Widefield eyepiece WF5X / 20mm
Widefield eyepiece WF10X / 18 mm
Widefield eyepiece WF15X / 12 mm
Widefield eyepiece WF20X / 11 mm

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

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

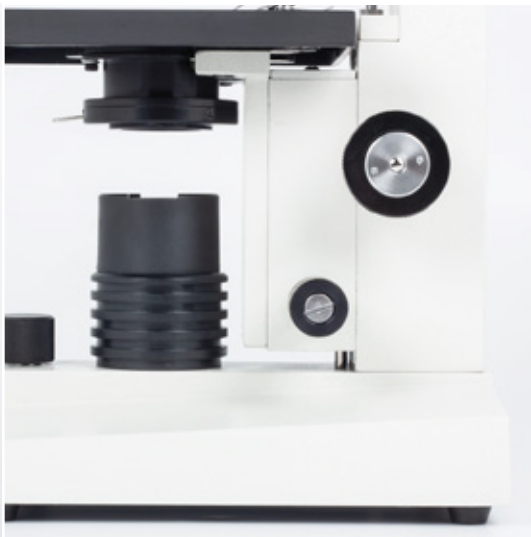
Spare bulbs
LED 20mA, 3.5V, 70mW

Mechanical stage MSH-009

Spare parts
Dust cover (size B)
Immersion oil 5ml
Plastic carrying case
Aluminium box
Cleaning kit
Lens tissue paper (Pack 500)
Motic slides 76x25mm (50 units)
Motic coverslips 22x22mm (100 units)







ST30 Series

Stereo Microscope Series



Binocular head

Greenough Optical System

2X
4X
Turret magnification

Pole type stand

Cordless LED illumination

Tungsten illumination



The 4 models of this series are developed for a first contact with tiny objects, not visible to the unarmed human eye, but ready to be shown to a younger public. A rear-facing head model, a new forward-facing head model: depending on your choice both constructions are available. The cordless LED illumination will probably rule the standard tungsten illumination, as its ecological advantages are obvious: less heat development, less power consumption.

ST30 Series Specifications

	ST30C 2LOO	ST30C 6LED	ST36C 2LOO	ST36C 6LED
Observation Tube				
45° Inclined rear-facing binocular head with diopter adjustment on left eyetube	●	●		
45° Inclined 360° rotatable binocular head with diopter adjustment on left eyetube			●	●
Eyepieces				
Widefield eyepieces 10X/20mm	●	●	●	●
Objectives				
2X/4X magnification changer. Objectives are parfocal, parcentric and achromatic	●	●	●	●
Focus mechanism				
Heavy-duty rack & pinion focusing block with slip clutch	●	●	●	●
Stage Plates				
Supplied with 80mm stage plates (frosted glass and black/white)	●	●	●	●
Illumination				
Pole-stand with incident and transmitted 12V/10W tungsten illumination	●		●	
Pole-stand with incident and transmitted rechargeable LED illumination 3.1V 60mW per piece, battery autonomy of 50 hours		●		●
MSRP Manufacturer Suggested Retail Price	177,00€	221,00€	193,00€	240,00€

The prices shown are recommended retail prices and may vary depending on the country. Taxes not included.

ST30 Series Accessories

Eyepieces
Widefield eyepiece WF5X / 22 mm
Widefield eyepiece WF10X / 20 mm
Widefield eyepiece WF15X / 13 mm
Widefield eyepiece WF20X / 10 mm
Widefield eyepiece WF30X / 8 mm

Darkfield and Polarizing equipment
Darkfield attachment with iris diaphragm
Jewellery clamp
Polarizing equipment B.301 (1-piece rotary)

Micrometer eyepieces
Micrometer eyepiece WF10X/20mm,
140 divisions in 14mm and crosshair
Micrometer eyepiece WF10X/20mm,
70 divisions in 14mm
Micrometer eyepiece WF10X/20mm,
360° protractor with 1° divisions and crosshair
Micrometer eyepiece WF10X/20mm,
100 divisions in 10mm

Spare bulbs
12V/10W Tungsten bulb
LED incident light assembly
LED transmitted light assembly

Spare parts
White stage plate, Ø 80 mm
Black stage plate, Ø 80 mm
Frosted glass stage plate, Ø 80 mm
Dust cover (size B)
Eyecup (unit)
Plastic carrying case
Aluminium box
Cleaning kit
Lens tissue paper (Pack 500)

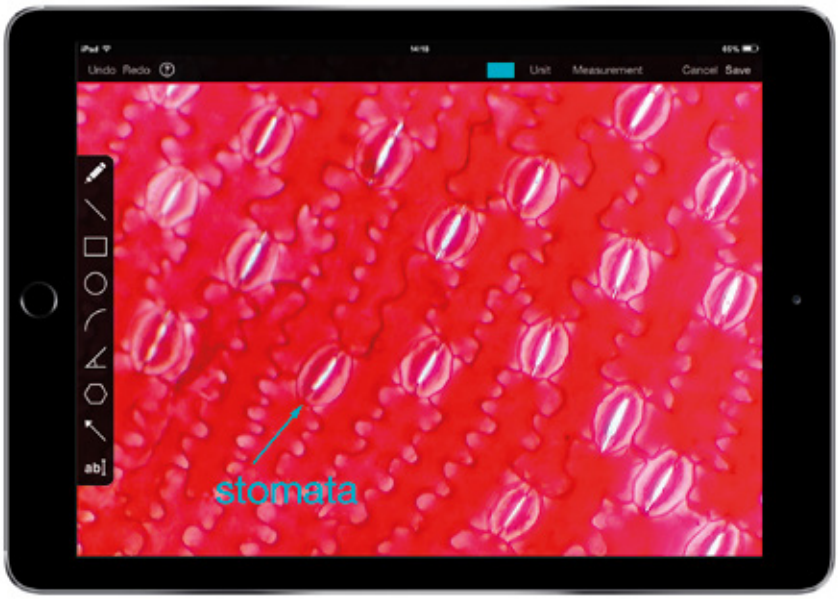






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Digitize your lessons!

Get the most out of your students with Moticam's digital solutions. Display the samples on a screen or projector, your computer, tablet or smartphone and make your lessons more interactive and fun. Our user-friendly software solutions foster collective learning experiences.

MOTICAM SERIES DIGITAL MICROSCOPY CAMERAS

SFC100&ST30 SERIES
10 YEARS
WARRANTY
ROBUST • EASY TO HANDLE

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.

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CE ISO 9001:2000, ISO 14001:2004 and ISO 13485 Certified.

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