

Биологические микроскопы SFC100, ST30

Технические характеристики

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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



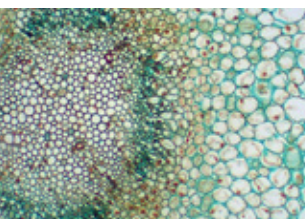
Separated focusing
coarse & fine



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

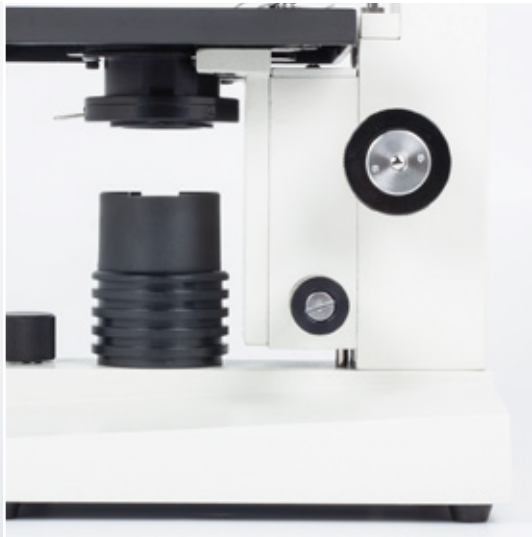
Spare bulbs

- 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



Turret magnification



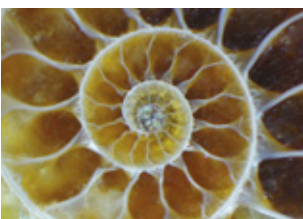
Pole type stand



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 2L00	ST30C 6LED	ST36C 2L00	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€

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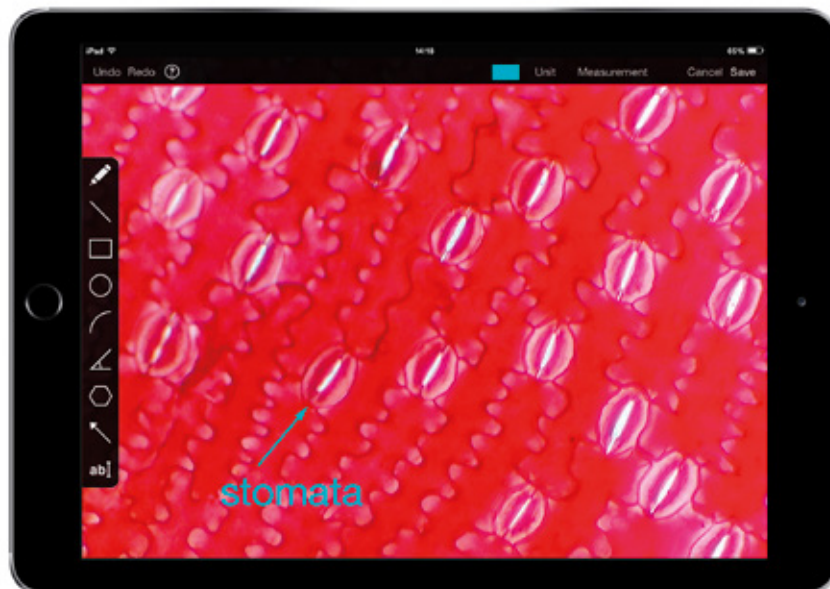
ST30 Series Accessories

- 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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MOTICAM SERIES DIGITAL MICROSCOPY CAMERAS



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

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