

**Motic**<sup>®</sup>

MORE THAN MICROSCOPY



# SFC100 & ST30 SERIES

FOR AN EXPLOSIVE START INTO SCIENCE



MORE THAN **10,000** SFC100 & ST30 SERIES  
MICROSCOPES/YEAR SOLD IN EUROPE

ED





# SFC100



SFC100 FL



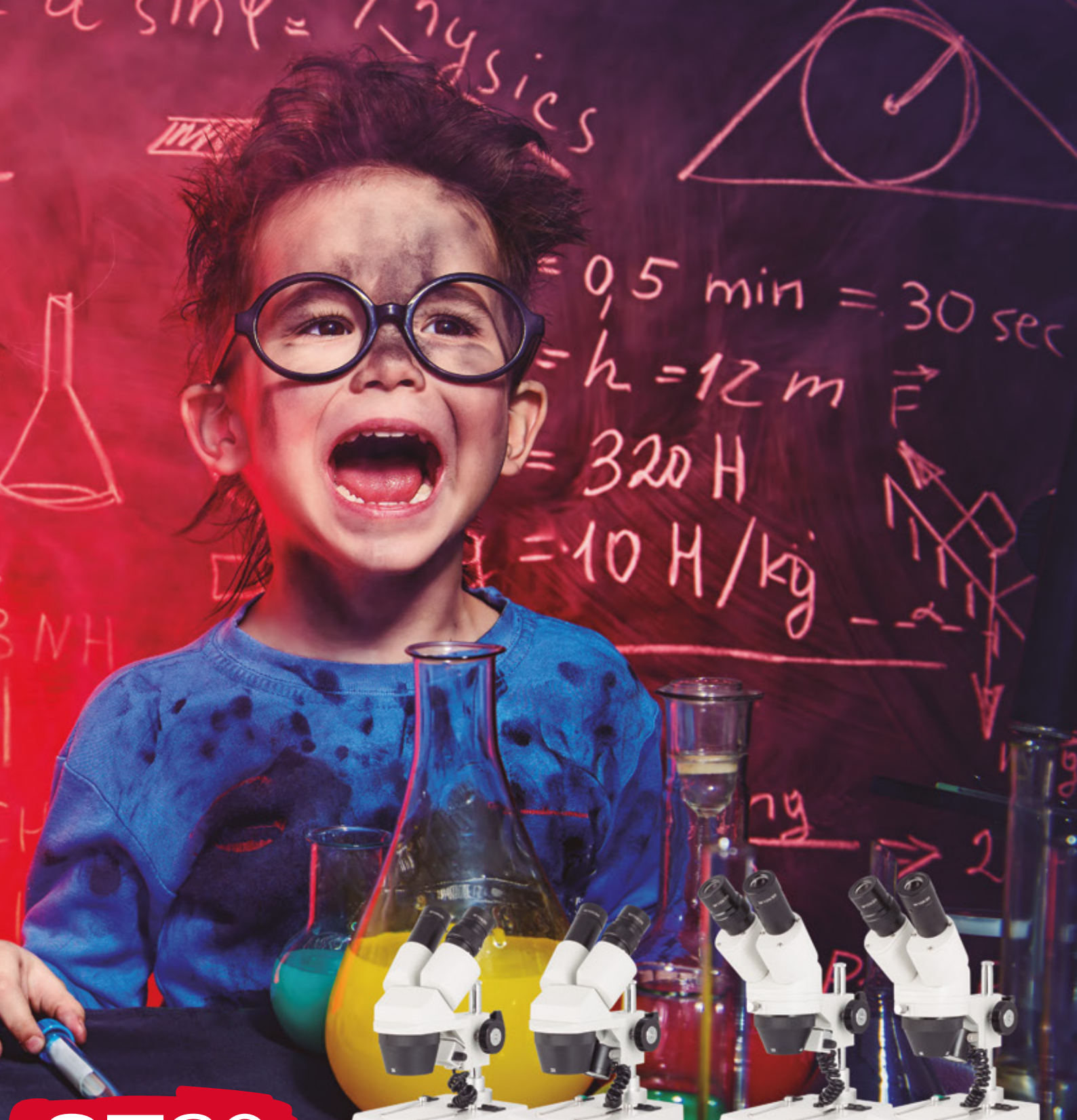
SFC100 FLED

## *Biological Microscope Series*

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.





**ST30**

ST30C 2LOO

ST30C 6LED

ST36C 2LOO

ST36C 6LED

## *Stereo Microscope Series*

This microscope series contains 4 models. They 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.



## SFC100 Series Specifications

	SFC100 FL	SFC100 FLED
<b>Observation Tube</b>		
45° Inclined Monocular head for comfortable viewing while seated, rotates 360°	●	●
<b>Eyepieces</b>		
Widefield eyepiece 10X/18mm with built-in pointer	●	●
<b>Nosepiece</b>		
Revolving triple nosepiece with positive click-stops for precise magnification changes	●	●
<b>Objectives</b>		
DIN Achromatic objectives parfocal and parcentric 4X/0.1, 10X/0.25 and 40X/0.65 with spring	●	●
<b>Focus mechanism</b>		
Separate coarse and fine focusing adjustment with upper-limit stop to prevent damage to slides and objectives	●	●
<b>Stage</b>		
Large 120mmx110mm stage with locked-on, spring stage clips	●	●
<b>Condenser</b>		
Special built-in 0.65NA condenser with iris diaphragm and filter holder	●	●
<b>Illumination</b>		
Built-in tungsten illumination	●	
Rechargeable LED illumination, 3.5V 70mW with intensity control, battery autonomy of 50 hours		●
<b>MSRP</b> Manufacturer Suggested Retail Price	132,00€	154,00€

## ST30 Series Specifications

	ST30C 2LOO	ST30C 6LED	ST36C 2LOO	ST36C 6LED
<b>Observation Tube</b>				
45° Inclined rear-facing binocular head with diopter adjustment on left eyetube	●	●		
45° Inclined 360° rotatable binocular head with diopter adjustment on left eyetube			●	●
<b>Eyepieces</b>				
Widefield eyepieces 10X/20mm	●	●	●	●
<b>Objectives</b>				
2X/4X magnification changer. Objectives are parfocal, parcentric and achromatic	●	●	●	●
<b>Focus mechanism</b>				
Heavy-duty rack & pinion focusing block with slip clutch	●	●	●	●
<b>Stage Plates</b>				
Supplied with 80mm stage plates (frosted glass and black/white)	●	●	●	●
<b>Illumination</b>				
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		●		●
<b>MSRP</b> Manufacturer Suggested Retail Price	148,00€	186,00€	162,00€	201,00€

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

## SFC100 Series Accessories

### Eyepieces

Huygens eyepiece H5X / 14.5 mm  
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

### Polarizing equipment

Polarizing equipment B.201

### Spare parts

Mechanical stage MSH-009  
Blue filter  
Dust cover (size B)  
42 mm plano-concave mirror and fork  
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)

### Spare bulbs

220V/20W Tungsten bulb  
LED 20mA, 3.5V, 70mW

### 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

### 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

### Darkfield and Polarizing equipment

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

### 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)

### Spare bulbs

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



MAKE YOUR LESSONS  
MORE FUN

LIFETIME  
OPTICAL WARRANTY

MORE THAN  
10 000 000

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MICROSCOPES/YEAR

SOLD IN EUROPE



# Motic®

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