

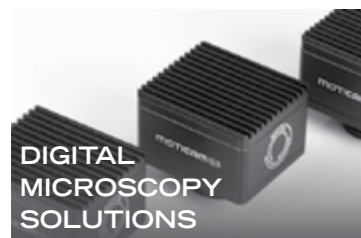
**Motic®**

MORE THAN MICROSCOPY



# NEW SFC 120/220 SERIES

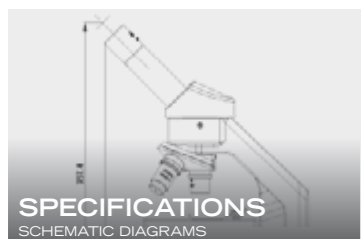
BIOLOGICAL MICROSCOPE


**DIGITAL  
MICROSCOPY  
SOLUTIONS**

sCMOS Cameras  
HD Cameras  
Wi-Fi Cameras


**SPECIFICATIONS  
STANDARD CONFIGURATION**

SFC-120-FL  
SFC-120  
SFC-220-B  
SFC-220-T


**SPECIFICATIONS  
SCHEMATIC DIAGRAMS**

SFC-120-FL  
SFC-120  
SFC-220-B  
SFC-220-T

# NEW SFC 120/220 SERIES

This microscope Series sets the standard for school instruction. Each model includes the most requested microscope characteristics such as rugged construction, focusing gears and student-proof locked on components. The superior DIN optical system and precision manufacturing assures that all microscopes are parcentric as well as parfocal and deliver bright and sharp images. Choose between a model with 0.65 N.A. condenser or, in case you need to use a 100X objective, the SFC-220-B model with a 1.25 N.A. condenser will offer you a better performance.



# DIGITAL MICROSCOPY SOLUTIONS

The combination of a Motic microscope with a member of the Moticam Series enables to display and to share excellent live images for presentations and discussions. Discover the possibilities and benefits of connecting a Moticam camera onto your microscope. Multiply your teaching options, improve teaching efficiency!



## DIGITAL CAMERAS

The Moticam brand is recognized around the world as representing easy to use and adaptable attachable cameras for virtually any microscope. Whether for Educational, Industrial or Clinical use, this new generation of Moticam has a unit for even the most demanding users. Manufactured in our new advanced facilities, each Moticam undergoes strict quality inspections and testing before being sealed, packed and delivered to your door. At Motic, we believe in making quality Digital Microscopy affordable for everyone and we know that you will enjoy our solutions.

For group work in a classroom, the option of image data transfer through Wi-Fi suits perfectly to tablet and smartphone devices. Moticam X3 is the most affordable external camera to send a live image to a maximum of 6 student recipients. An easy way to make teaching more interactive and exciting.

Supported by our own In-House team of Software and Mechanical Engineers, each Moticam has the necessary equipment to help you turn your images into knowledge.



sCMOS CAMERAS



HD CAMERAS



Wi-Fi CAMERAS



# SPECIFICATIONS

## STANDARD CONFIGURATION



SFC-120-FL



SFC-120



SFC-220-B

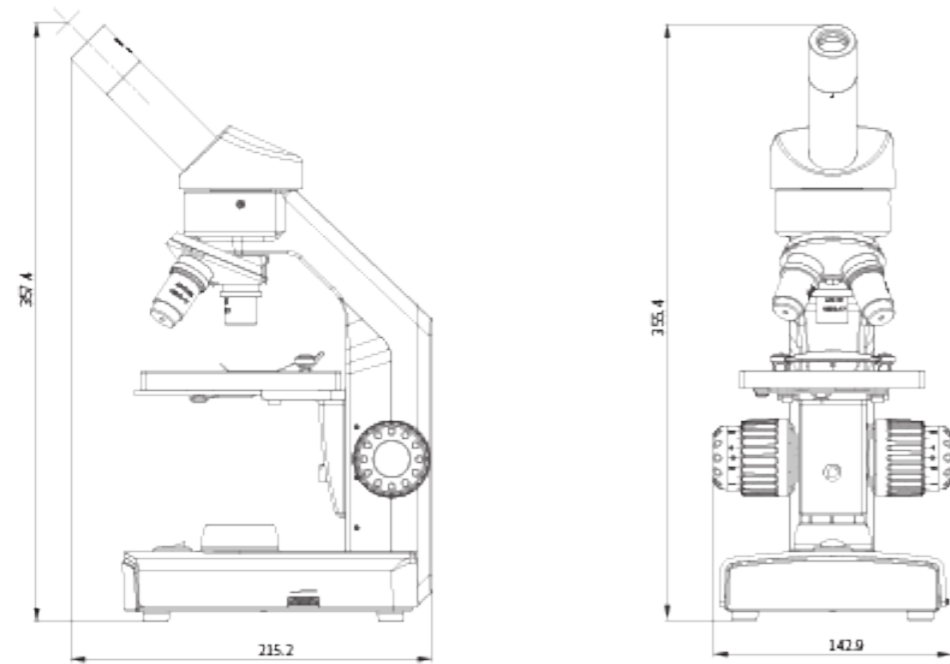


SFC-220-T

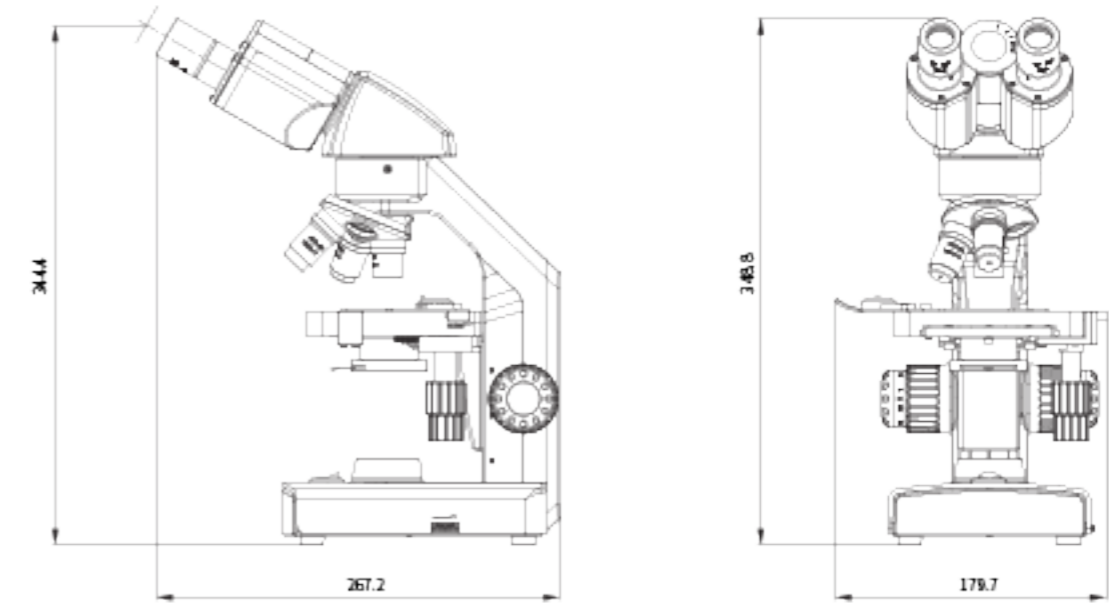
Main differences between models

	SFC-120-FL	SFC-120	SFC-220-B	SFC-220-T
<b>Observation tube</b>				
Monocular head	▲	▲		
Binocular head			▲	
Trinocular head				▲
<b>Optical system</b>				
Finite optional system, 160mm, DIN Standard	▲	▲	▲	▲
<b>Inclination</b>				
45 °inclined, 360 ° rotation	▲	▲		
30 °inclined, 360 ° rotation			▲	▲
<b>Interpupillary distance</b>				
48mm-75mm			▲	▲
<b>Eyepieces</b>				
WF10X/18	▲	▲	▲	▲
WF16X/13	▲	▲		
<b>Nosepiece</b>				
Triple revolving nosepiece	▲	▲		
Quadruple revolving nosepiece			▲	▲
<b>Objectives classification</b>				
Achromatic DIN	▲	▲	▲	▲
<b>Objectives</b>				
4X/0.10/WD 26.7mm, 10X/0.25/ WD 5.4mm, 40X/0.65/S/WD 0.4mm	▲	▲	▲	▲
100X/1.25/S/Oil WD 0.15mm			▲	▲
<b>Stage size</b>				
Plain stage 110 x 120mm with sample clips	▲			
Mechanical stage 115 x 125mm, movement 70 x 26mm		▲	▲	▲
<b>Condenser</b>				
Built-in 0.65 N.A. condenser with disc diaphragm	▲			
1.25 N.A. Abbe condenser with iris diaphragm		▲	▲	▲
<b>Focus mechanism</b>				
Coaxial coarse and fine focusing system	▲	▲	▲	▲
<b>Illumination</b>				
Fixed 0.5W LED, no intensity control, corded	▲			
0.5W LED with intensity control, cordless		▲	▲	▲
<b>Camera adapter</b>				
C-mount camera adapter				▲

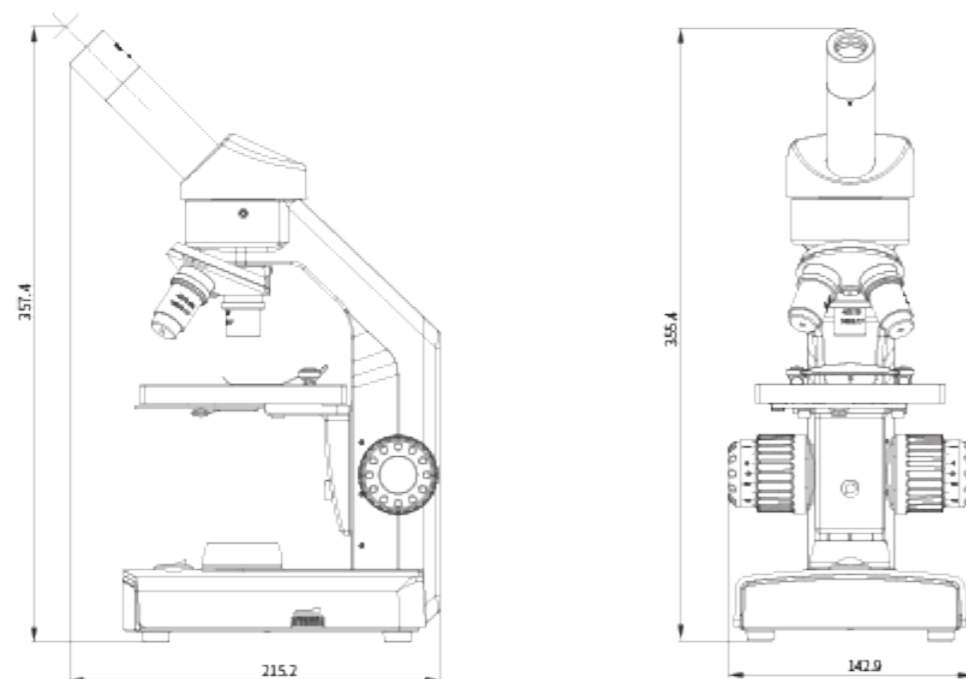
**SFC-120-FL**  
SCHEMATIC DIAGRAMS (units: mm)



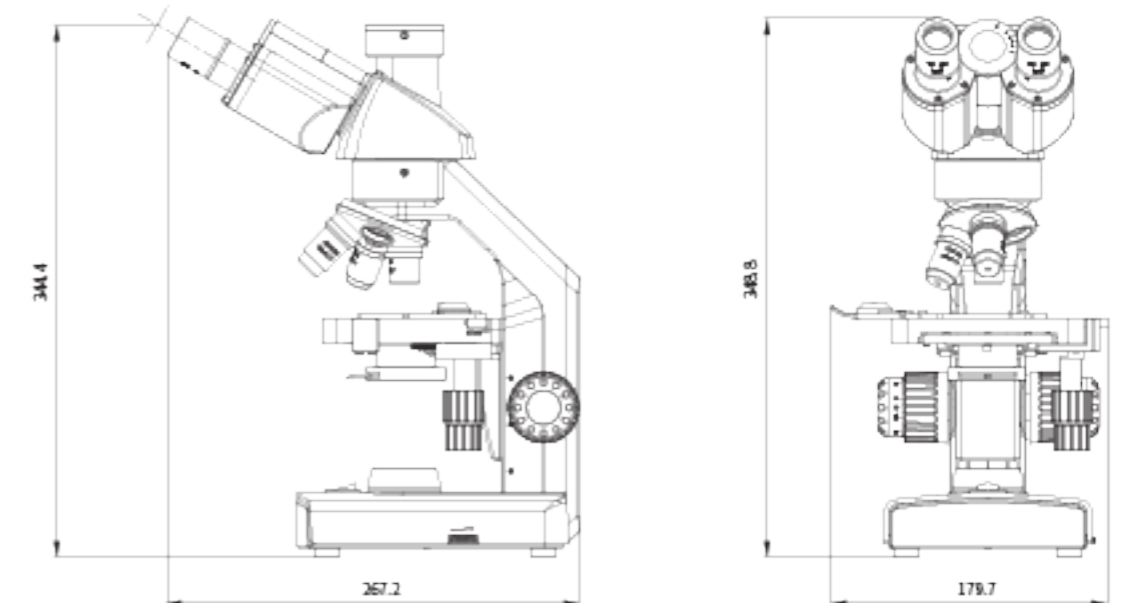
**SFC-220-B**  
SCHEMATIC DIAGRAMS (units: mm)



**SFC-120**  
SCHEMATIC DIAGRAMS (units: mm)



**SFC-220-T**  
SCHEMATIC DIAGRAMS (units: mm)



# Motic®

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Designed in Hong Kong

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Official Distributor: