

# iScope fluorescence

For biological and medical applications fluorescence microscopes are used to observe certain parts of living cells and tissues with help of fluorophores. One or more fluorophores are added to the parts of the specimen to be observed. When the fluorophores are exposed to so-called excitation light, the excitation energy is absorbed by the fluorophore that start emitting so-called emission light that can be observed by the microscope. One can distinguish tumor cells from other cells, follow biological processes or prove the presence or absence of antibodies, etc

The excellent optics and mechanical components make the iScope a state-of-the art microscope that is suitable for fluorescence applications in Life Science and Biotechnical fields.

The iScope fluorescence microscopy can be supplied with:

- 6-position rotating attachment with 100 W mercury vapor light source
- 3-position slider attachment with 100 W mercury vapor light source
- 1-position slider attachment with a 3 W NeoLED 465-475 nm blue light source
- 1-position slider attachment with a 3 W NeoLED 520-530 nm green light source

[Find all the fluorescence models here](#)

[Find the standard models here](#)

[Find the darkfield models here](#)

[Find the polarisations models here](#)

[Find the phase contrast models here](#)



Specification		IS.3152-EPLi	IS.3153-EPLi	IS.3152-PLi	IS.3153-PLi	IS.3152-PLFi	IS.3153-PLFi	Product-number
<b>Models</b>	Binocular	•		•		•		
	Trinocular		•		•		•	
<b>Head</b>	Ergonomic tilting head IOS series							IS.5700
<b>Phototube</b>	for IS.5700 Ø 23.2 mm tube							IS.9800
<b>Eyepieces</b>	WF 10x / 22 mm	•	•	•	•	•	•	IS.6210
	WF 15x / 16 mm	0	0	0	0	0	0	IS.6215
	WF 20x / 12 mm	0	0	0	0	0	0	IS.6220
<b>Diopter</b>	adjustment on left side	•	•					
	adjustment on both sides			•	•	•	•	
<b>Objectives IOS</b>	E- Plan EPL 4x / 0.10	•	•					IS.8804
	E- Plan EPL 10x / 0.25	•	•					IS.8810

