

Designation	Wide-field microscope
Manufacturer	Sartorius/EssenBioScience
Model	S3
Specifications	Specified vessels listed in a file
Objectives	4x , 10x/0.32 dry (phase contrast), 20x/0.4 dry (phase contrast)
Fluorescence Excitation	Channel Green (Exc 440-480nm Em 504-544nm) Channel Red (Exc 565-605nm Em 625-705nm)
Stage	Motorized stage in XY; auto-focus in Z
Camera pixel size	4X (3.05 $\mu$ m) 10X (1.22 $\mu$ m) 20X (0.61 $\mu$ m)
Software	Acquisition is coupled with analysis modules
Applications	Samples with a thickness up to 100 $\mu$ m
Acquisition Modes	Widefield in fluorescence and in transmission illumination on live samples