

Zeiss Axio Zoom.V16

Building 9 | Lab 0.08



The Zeiss Axio Zoom.V16 is a motorised fluorescence stereo zoom microscope that combines a large field of view, zoom and working distance. It is suitable for applications in which observation and careful handling of specimens exceeds the need for greater magnification. Applications include microinjections, dissections, movement or separation of small organisms, and more.

FEATURES

16x motorised zoom with high NA

Eyepieces 10x

Magnifications from 7x to 253x

Imaging modalities | brightfield, darkfield, oblique light, Epi-fluorescence

Acquisition of multi-channel images and **Z-stack**



ILLUMINATION

LED transmitted light for brightfield

Metal halide fluorescence lamp with 3 **fluorescence** excitation lines: UV (385) | Blue (475) | Green (555)



OBJECTIVES

1x/0.25 Plan-NEOFLUAR (WD 56mm)

2.3x/0.57 Plan-NEOFLUAR (WD 10.6mm)

FILTERS BLUE, GREEN, RED

49 DAPI | Ex 365 | BS 365 | EM BP 445/50

38HE GFP | Ex BP 470/40 | BS 495 | EM BP 525/50

63 mRFP | Ex BP 572/25 | BS 590 | EM BP 629/62



CAMERA

Axiocam 305 mono | 2.8 MP CMOS | 36 fps | pixel 4.54 μm

ACQUISITION DESKTOP ZEN 3.1 PRO

CPU Intel i7

RAM 8 GB

OS Windows 10