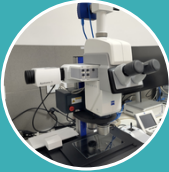


Axiozoom.V16 / Apotome Technical specs



ZEISS Axio Zoom.V16 is a fully motorised fluorescence zoom microscope combining a large field of view, high zoom range and long working distance. It is well suited for microinjection, dissection, manipulation of small organisms, screening and phenotyping. The ApoTome optical sectioning module reduces out-of-focus fluorescence, improving contrast in thicker specimens. Two cameras are available for fluorescence and colour imaging.



Features & Imaging modalities

Magnification range: 7x to 253x
 Motorised stage XY and focus
 Brightfield | Darkfield | Epi-fluorescence
 Multichannel | Multiposition | Z-stack
 Apotome3



Illumination

LED Transmitted Light for Brightfield
 Metal Halide Fluorescence Lamp

Objectives

1x/0.25 Plan-NEOFLUAR (WD 56 mm)
2.3x/0.57 Plan-NEOFLUAR (WD 10.6 mm)

Fluorescence filter sets

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

Cameras

Axiocam 305 mono | 2.8 MP CMOS | 36 fps | pixel 4.54 μm
Axiocam 305 colour | 5 MP CMOS | 24 fps | pixel 3.45 μm

Acquisition software Zen 3.1 3 PRO