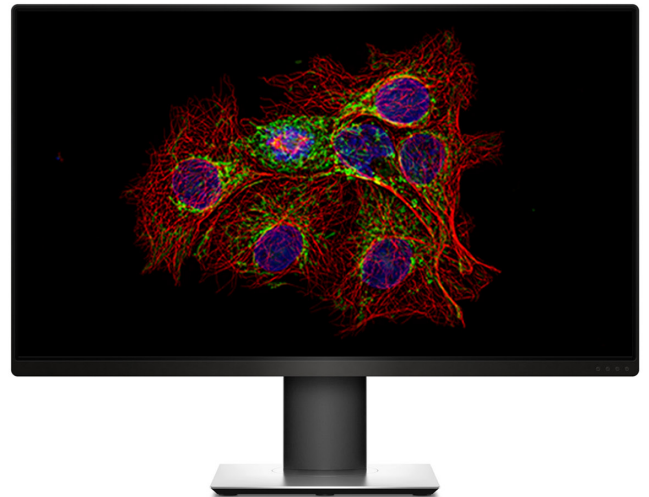


Start into your research



ZEISS Axiovert 7

Your Inverted Microscope for Automated Workflows in Life Science Research

zeiss.com/axiovert



Seeing beyond

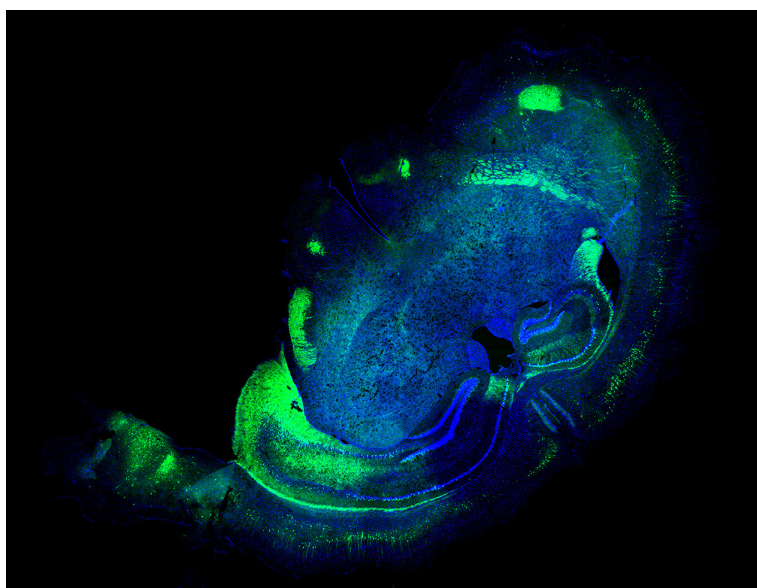
ZEISS Axiovert 7

Your Inverted Microscope for Automated Workflows in Life Science Research

ZEISS Axiovert 7 is your inverted microscope designed for routine cell culture work as well as multidimensional life science research. With an intuitive Snap-button workflow, excellent image quality, powerful automation and its small footprint, Axiovert 7 allows researchers to focus on their experiments not on microscope operation.

Whether you work with live cells, fixed samples, tissue sections, or fluorescence experiments, Axiovert 7 adapts seamlessly to your workflow and evolves with your research needs.

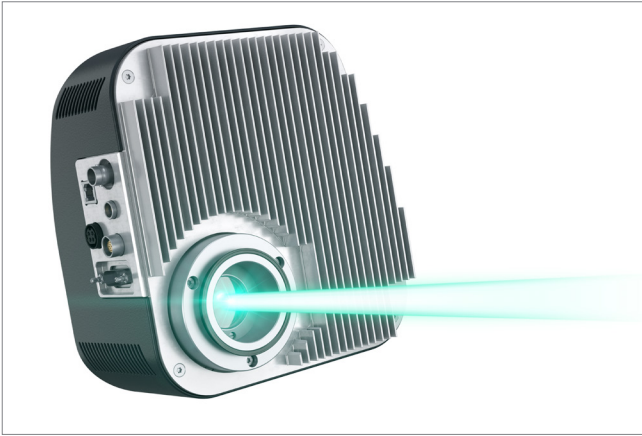
- Powerful and smart: ZEISS Axiovert 7 combines intuitive operation with excellent image quality, making it ideal for long hours of efficient work in the lab.
- Multiple contrasting methods and multichannel fluorescence for efficient life science research
- Motorized system with ZEISS ZEN software, designed to grow with your research



Whole section of mouse brain tissue. Blue: cell nuclei, green: neuron.

Work efficiently with accelerated microscopy

ZEISS Axiovert 7 is highly intelligent and delivers excellent results with fast time to image. Simply focus on your sample, press the Snap button on the stand, and instantly save clear images of your cell or tissue cultures. The automatically overlaid multichannel fluorescence image includes scaling information, which is stored in the image file metadata.



Go for a cutting-edge, versatile microscope

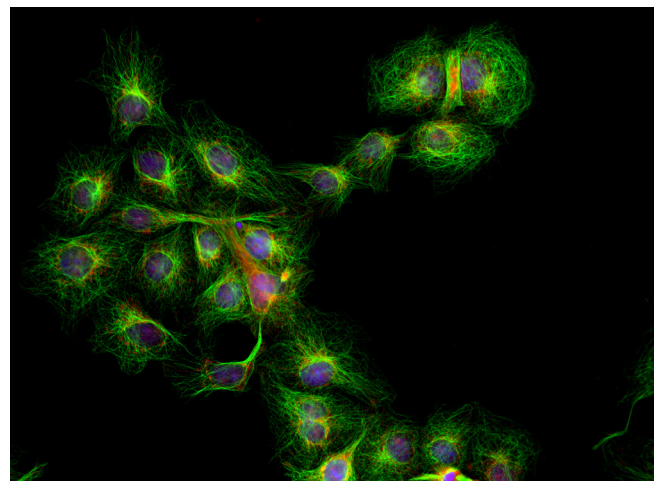
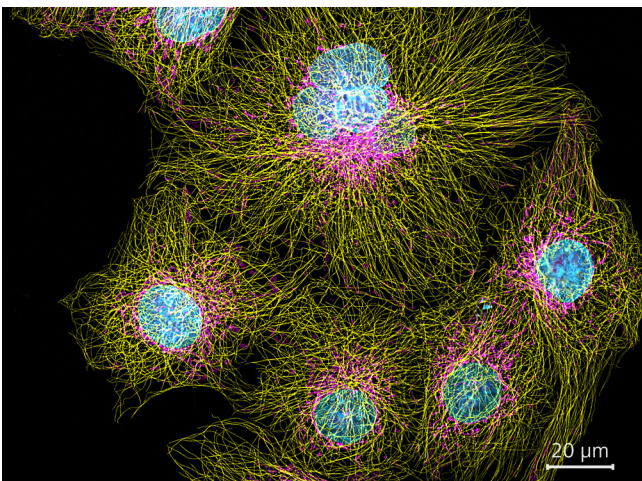
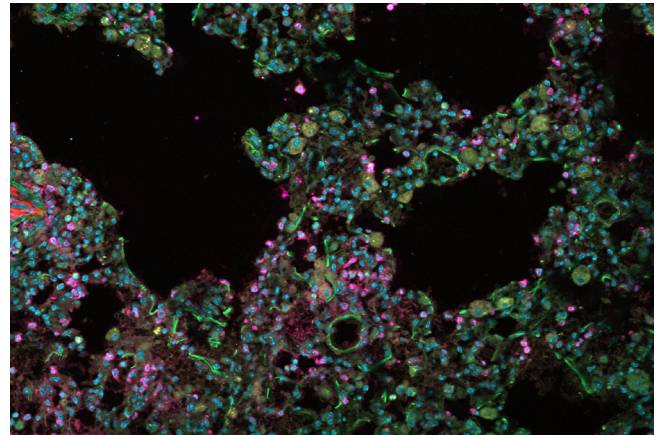
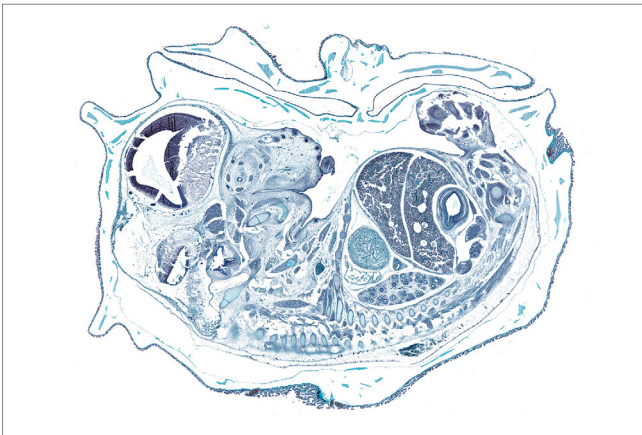
From routine cell culture to complex research, Axiovert 7 fits seamlessly into your lab and workflow. With various contrast methods such as DIC, iHMC, and phase contrast, as well as multichannel fluorescence, you have the flexibility to explore a wide range of imaging applications. Thanks to the motor-driven focus control, monochromatic LED-based light sources, and the powerful ZEN imaging software, Axiovert 7 enables effortless multidimensional imaging and accelerates your daily life science research.



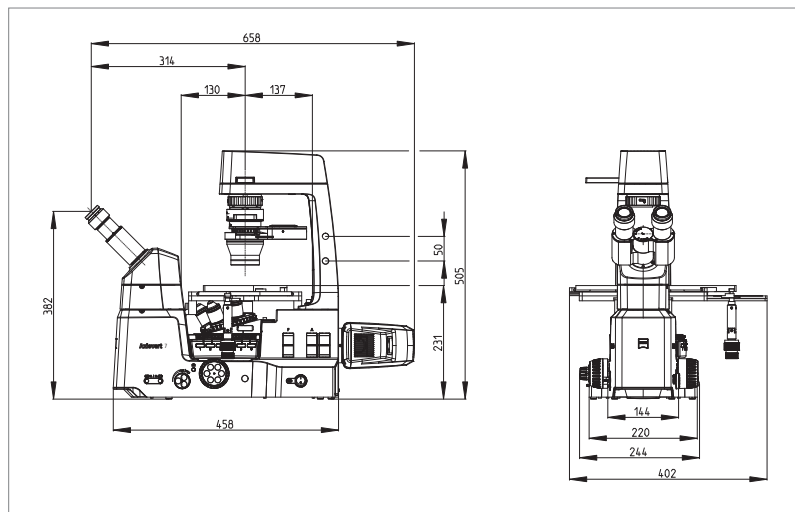
Advance your research with a flexible, future-proof approach

Life science is a dynamic environment with everchanging imaging requirements. Axiovert 7 offers extensive interfaces and upgradable hardware and software to meet both current and future needs. With an additional camera for stained tissue imaging and compatible live cell incubation equipment, you can even use Axiovert 7 for long-term live cell imaging. Even as your research needs change, Axiovert 7 easily adapts.

Typical applications



Technical Data



Weight and dimensions

Dimensions	658 × 402 × 505 (length × width × height, unit: mm)
Weight	13 kg

Ambient conditions

Operating temperature range with indicated performance (24 hours daily, regardless of on/off status)	5 – 40 °C
Relative humidity	At 40 °C, < 80%
Atmospheric pressure/Altitude	800 – 1060 hPa/Altitude ≤ 2000 m
Pollution degree	2

Power supply connection

Nominal AC voltage	L/N/PE 100–240 VAC ± 10%
Nominal frequency	50/60 Hz
Max. current	1.4 A
Set values for microscope stand	24 VDC, 5 A
Protection class	IP20 (IEC 60529)
Overvoltage category	II



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