

Click. Count. Culture. AI power at your fingertips.



ZEISS Primovert digital

Your compact inverted cell culture microscope



zeiss.com/primovvert

Seeing beyond

ZEISS Primovert digital

Your compact inverted cell culture microscope

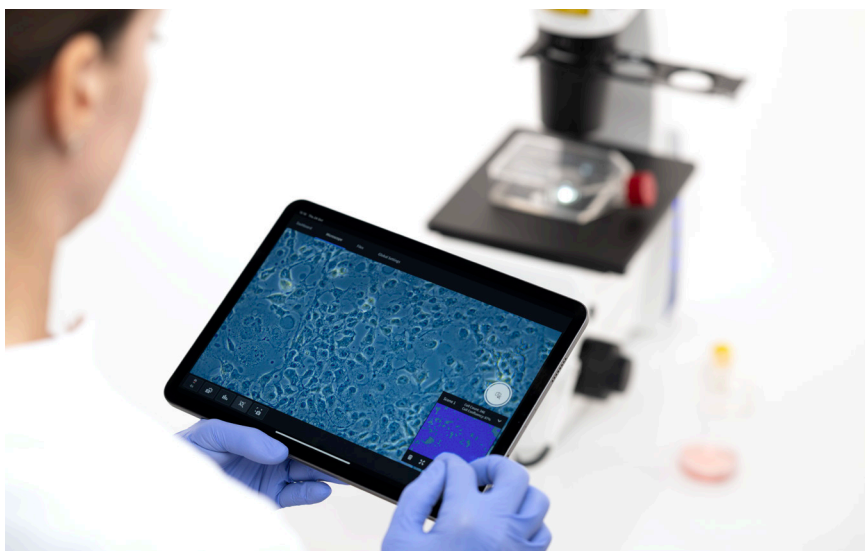
ZEISS Primovert digital are perfectly suited to your cell culture laboratory. Study the morphology of living cells and evaluate their development with these compact inverted microscope. It enables fast, efficient investigations of unstained cells in phase contrast and fits straight into your laminar flow cabinet to work directly in a sterile environment. Now, with the power of integrated AI-based cell analysis, Primovert digital takes you one step further: transform images into insights instantly. The intelligent software ZEISS Labscope automatically recognizes, classifies, and quantifies your cells, giving you fast, reproducible results and freeing you from time-consuming manual evaluation. Gain confidence in your workflows, accelerate your decision-making, and share clear, standardized data with your team.

Bring AI into your cell culture lab

Primovert digital combines high-definition imaging with smart analysis: you can now count cells, adherent or in solution and measure confluency with a single click, without any manual effort. Perform instant measurements and analyses directly on your tablet using ZEISS Labscope with AI. This intelligent workflow solution saves valuable time, reduces errors, and significantly boosts productivity in your lab.



Charge your tablet directly at the Primovert digital stand. (Compatible with selected tablet models only)



Ergonomic work

With Primovert digital you can work comfortably either standing or sitting.

Typical applications



Industrial cell biology labs

- Mammalian cell culture for production and research experiments
- Contaminations, confluence, cell count
- Cell morphology



Plant science and microalgae research

- Microalgae culture monitoring for genetic modification experiments

Academic cell biology labs

- Mammalian cell culture for experiments
- Contaminations, confluence, cell count
- Cell morphology

Cancer research

- Viability tests
- Cell line creation



Environmental studies labs

- Phytoplankton monitoring
- Water quality testing for federal agencies
- Zooplankton identification

Bioreactors in industry and academia

- Research, development, production and quality control of biosimilars

Immunology research

- Cytotoxicity tests
- Cell viability assays

Pharmaceutical research labs

- Antibody research and development

Quality assurance labs

- Cell morphology cell count and health checks



