

# ZEISS Primostar 3

Your robust yet compact microscope for digital teaching and routine lab work.

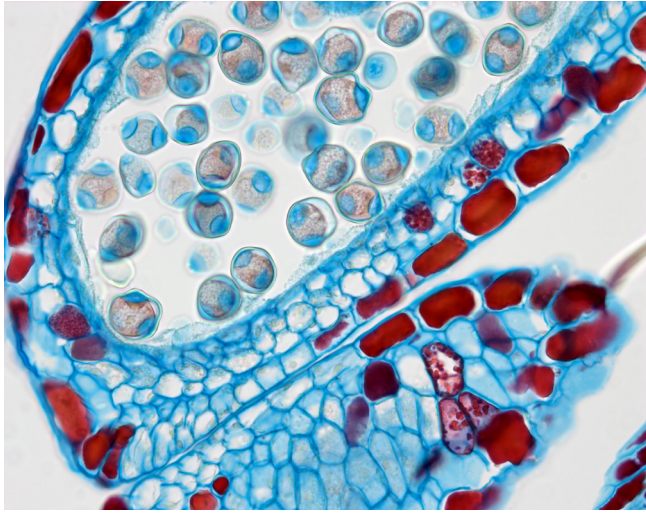


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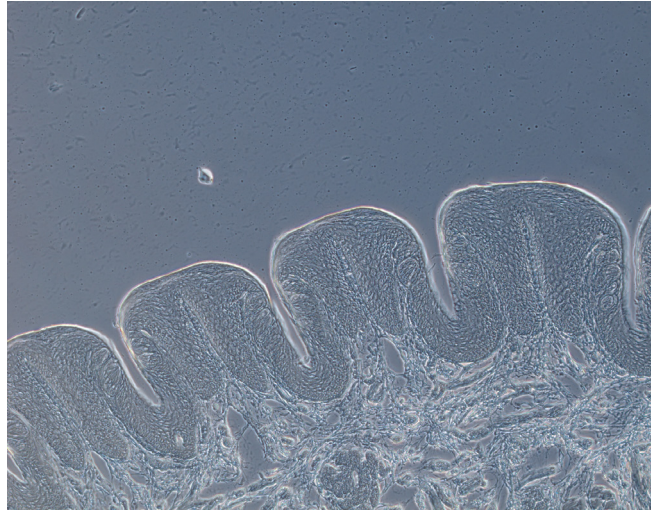


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Your robust yet compact microscope for digital teaching and routine lab work.



*Corylus avallana in brightfield, magnification: 40x*



*Rabbit tongue, taste buds in phase contrast, magnification: 40x*

In the classroom or in the routine lab, you need reliable microscopes that can take a lot of wear and tear. After all, you and your colleagues or students will be working long hours, often in cramped spaces. You need microscopes that will pay back your investment with smooth operation –

day-to-day and year in, year out. Primostar 3 packs all of that into its sturdy metal frame. Yet this robust light microscope is also designed for maximum ease of use. For both productive learning and efficient lab work, students and staff alike will be free from the very beginning to focus on the essentials.



Choose from pre-defined packages for teaching or routine lab work and get the precise microscope configuration you need for the tasks at hand. Each microscope comes pre-installed so it's ready to work right out of the box – that's genuine plug in and play performance. And when you want to take your teaching online or connect your labs on a network, it's easier than ever before with Labscope, the free imaging app from ZEISS.

Primostar 3 is your reliable partner in microscopy – today and in years to come.



- Choose the best configuration for your tasks at hand from a number of pre-defined packages. A selection of objectives is already included.
- Plug in and start focusing on your work with the Fixed-Köhler Primostar 3. Or train and learn the Köhler set-up with Primostar 3 Full-Köhler packages.
- Transmitted light brightfield, darkfield, simple polarization, phase contrast and fluorescence contrast are contrast techniques of choice. Just choose what your application asked for.
- Be ready to teach digital natives in a digital classroom with Primostar 3 HDcam.
- Benefit from the integrated 8.3 MPx HD with numerous interfaces for your flexible setup in your training courses environment (USB 3.0, HDMI, Ethernet, Wi-Fi compatible).
- Use free of charge Labscope App on your Windows PC or iOS device. Create images, movies, share your results with your peers and get ready for your first annotations.
- Connect your microscope into a network and save time for teaching by seeing into each and every microscope simultaneously. Labscope makes this possible.
- Primostar 3 shows the intensity of the illumination on the stand. This makes it easier for users to check their illumination intensity, and teachers can keep an eye on all of the microscopes in the classroom.
- Benefit from an extended warranty up to five years.



### Created for Your Applications

- You examine stained tissue sections using brightfield or fluorescent contrast. You look at unstained specimens with phase contrast. You analyze extremely fine structures such as diatoms using darkfield.
- As a botanist, you examine cross sections of plant stems.
- You examine tissue sections and blood smears from anatomy, pathology, hematology, and zoology to record symptoms.
- You examine cultivated plants for phytopathogenic agents or pests, or you track the development of illnesses and the course of diseases.
- You investigate the morphology of bacteria cells such as *Bacillus subtilis*, *Staphylococcus epidermidis*, *Micrococcus luteus* and *Escherichia coli*.



# Tailored Precisely to Your Applications

## Package Overview

