

Microscope

Overview picture; bar code recognition possible

1x-350x Zoom, Live-Stitching makes change of objective redundant

Transmitted light; supported objectives: 10x, 20x, 40x, 60x, 100x. Ask us for detailed specifications

Automated x-y-stage 25 x 75mm (2 slides) or 50 x 75mm (1 slide)

Automated Z-axis; Z-stacking

Optional software based applications and analytics

45cm x 40cm x 30cm; 25kg

PC and Software

Recommended: Dell XPS One 27 Multitouch, Win 8.1. or 10

Connection from computer to M8: USB 3.0

Image formats: PNG, JPEG, TIFF, BMP, VMIC, HTML

Annotations, Measurements & Image Manipulations: CSV / XLS, VPA, FPF

Software included

Digitization and Scanning

Scans (full or parts) and screen shots created within 60 seconds

15 x 15mm: 7min (40x magnification)

4 different scanning modes (quality, speed)

Resolution: 20x, 0.5 NA: 0.32 μm / Pixel;
40x, 0.75 NA: 0.16 μm / Pixel

Remote and real-time access

Focus



0 s

Insert slide

How much more focused could life become, if your work flow would be tailored to your needs? The M8 from Precipoint fits and adapts perfectly to your workflow and gets work done in less than 60 seconds that has previously taken hours.

10 s

Overview

Start with taking an overview picture of your specimen. You'll now easily find your areas of interest and may directly navigate and zoom to the relevant regions. Of course, the M8 will support you with reading barcodes as well.

15 s

Region of Interest

The M8 from Precipoint is truly smart and digital: Our Live-Stitching feature combines individual pictures taken at the maximum resolution of the objective within seconds to a full-screen single picture. This gives you an amazingly large field of view not seen in microscopy yet and makes a change of objective redundant.

30 s

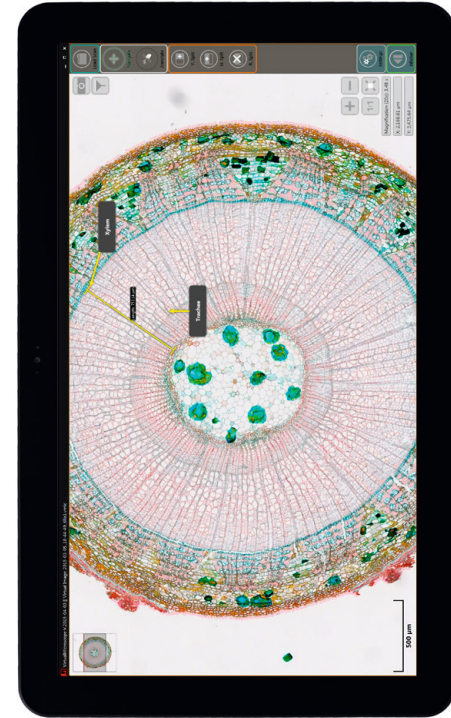
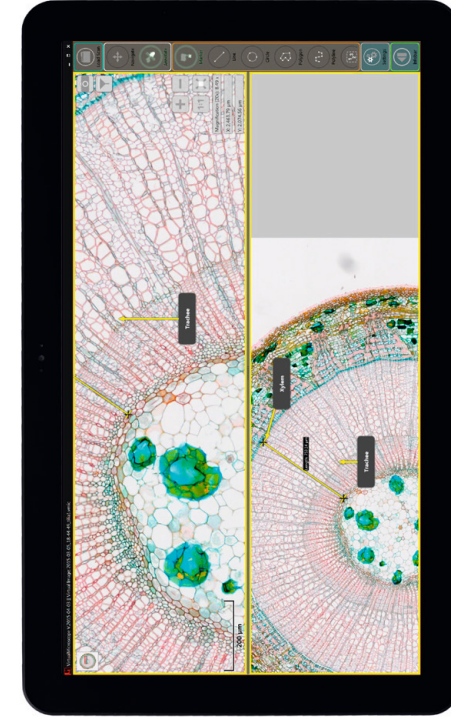
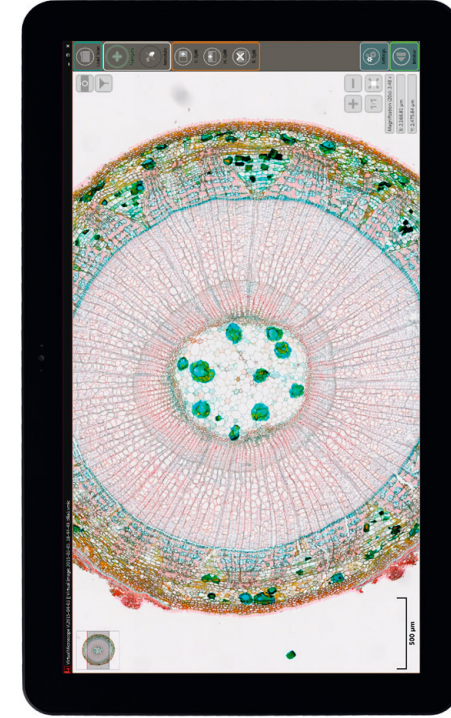
Findings

Enabled by the intuitive operation concept, you zoom seamlessly through the slide as if you could examine the sample with your own hands. Annotations, measurements, multiple fields of view and other software based applications empower you and your work.

60 s

Digitized

Use your resources efficiently: screen shots as well as partial and full slide scanning in different qualities enable digitization and processing of your work in less than 60 seconds. Save time, stay focused.



M8 Microscope and Scanner



The M8 by PreciPoint —
German Engineering at its best

We focus on the development and production of measurement and automation technology. Our key competence is the digitization and automation of microscopes and micropositioning systems.

Our know-how ranges from optics to mechanics, electronics and software. We use our universal in-house expertise to develop individual modules and complete devices, custom-made solutions and innovative operating concepts. The spectrum of our offer ranges from printed circuit boards to electronics, optical and mechanical components, complete testing systems with custom-made software - and now we proudly present the M8, the smartest microscope in the world.

User Interface

The M8 from PreciPoint is a microscope and a scanner at the same time, but as easy to handle as your smart phone. Don't get lost in the set up and operation of your work tool, we want you to be able to dedicate yourself fully to your work.

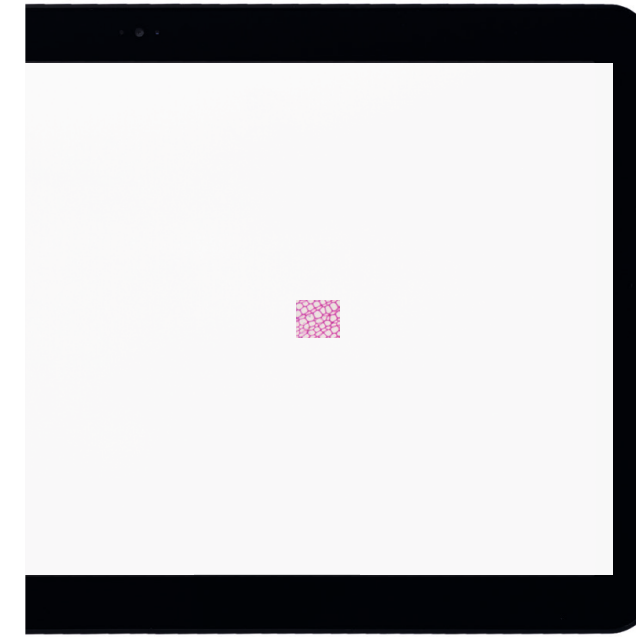
You may operate the M8 from PreciPoint with a touchscreen computer, a tablet or a smart phone. The intuitive navigation makes you feel as if you could examine the sample with your own hands.



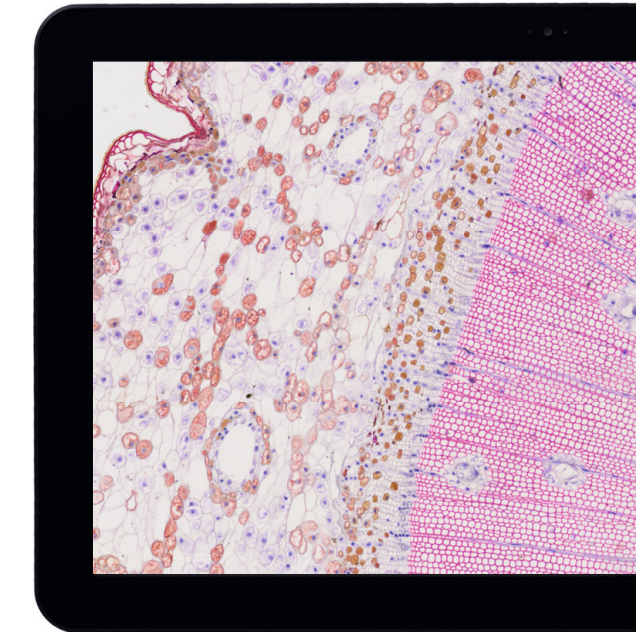
Field of View Live-Stitching

The M8 from PreciPoint is a truly smart microscope: Our Live-Stitching feature concatenates individual pictures taken at the resolution of the objective within seconds to a full-screen, single picture. This gives you an amazingly large field of view not seen in microscopy yet and makes the change of objective redundant. Your work gets faster and easier.

Single pictures taken at the resolution of the objective are concatenated within seconds to a full-screen, single picture.



Field of view when working with a normal digital microscope, 20x objective



Field of view when working with the M8 from PreciPoint. Thanks to the intuitive operating concept, you zoom seamlessly through the slide. While doing so, the Live-Stitching feature and the automated x-y-stage support you with the largest field of view possible at any position and magnification.



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