

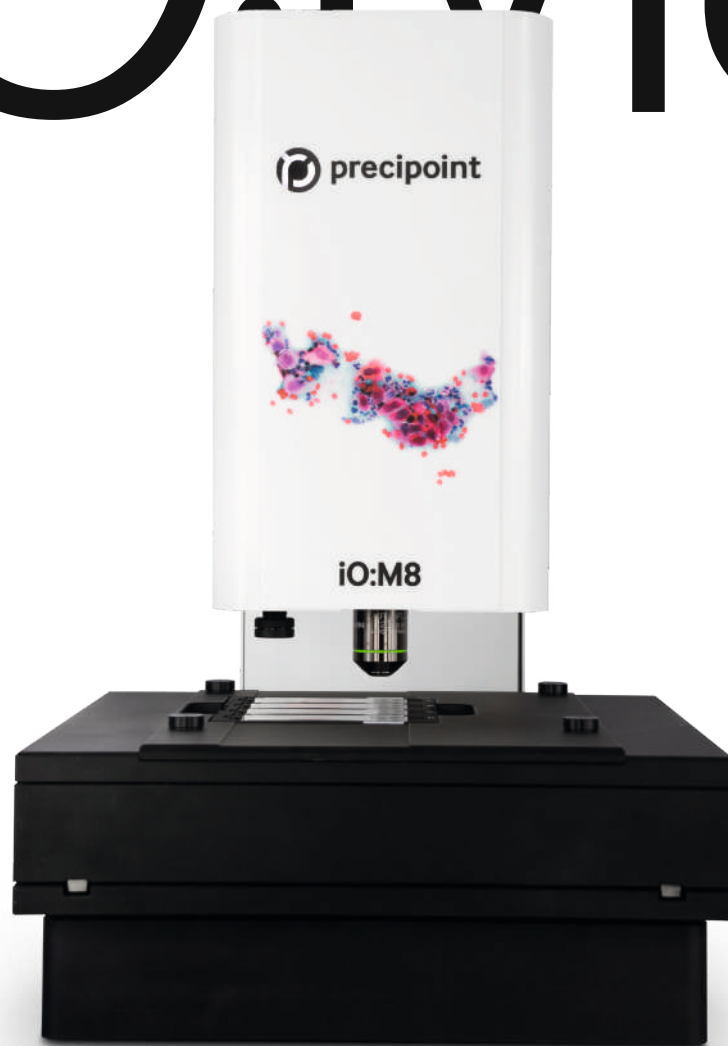


Made in Germany

**iO:M8** Microscopy  
for  
Life

 precipoint

**iO:M8**



# iO:M8 – How are we different?

Live microscope for rapid on-site evaluation

## Rapid Microscopic Assessment

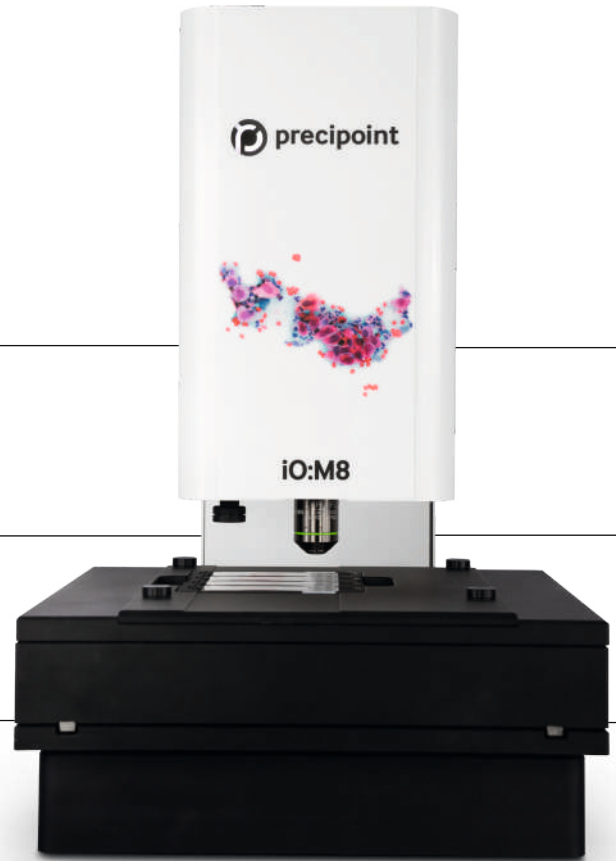
The iO:M8 is designed for purpose and CE-IVD certified for use during intraoperative procedures.

## High Quality Imaging

Evaluate high-resolution images instantly and in real-time without the need of scanning whole slide images.

## Continuous Zoom and Focus

Use slide preview to find regions of interest and seamlessly zoom in and refocus the microscopic samples.



## **Robotic Microscopy**

Utilize the microscopy software to steer the fully motorized XY-stage and Z-axis.

## **Easy Loading**

Insert up to four standard slides onto the direct-access stage simultaneously for instant viewing.

## **Fast Set Up**

No integration into LIMS or IT infrastructure is required for live microscopic image evaluation.

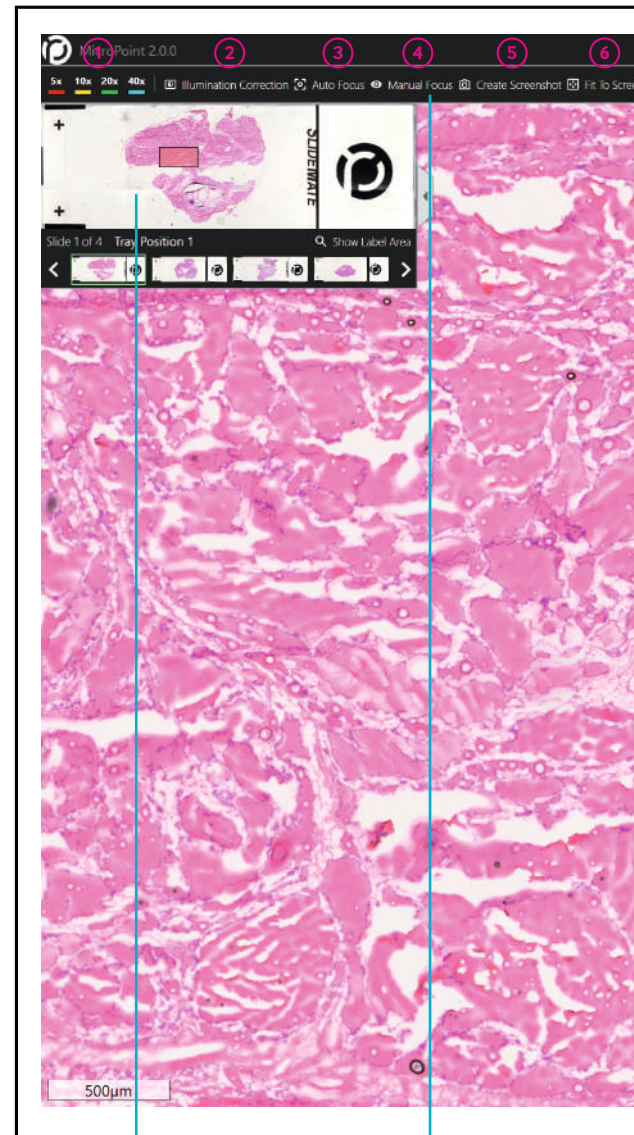
# Fast and efficient imaging

Modern and easy-to-use user interface

Work faster, easier, and smarter with the iO:M8. The robust live microscope allows users to view and interpret samples quickly and in real time.

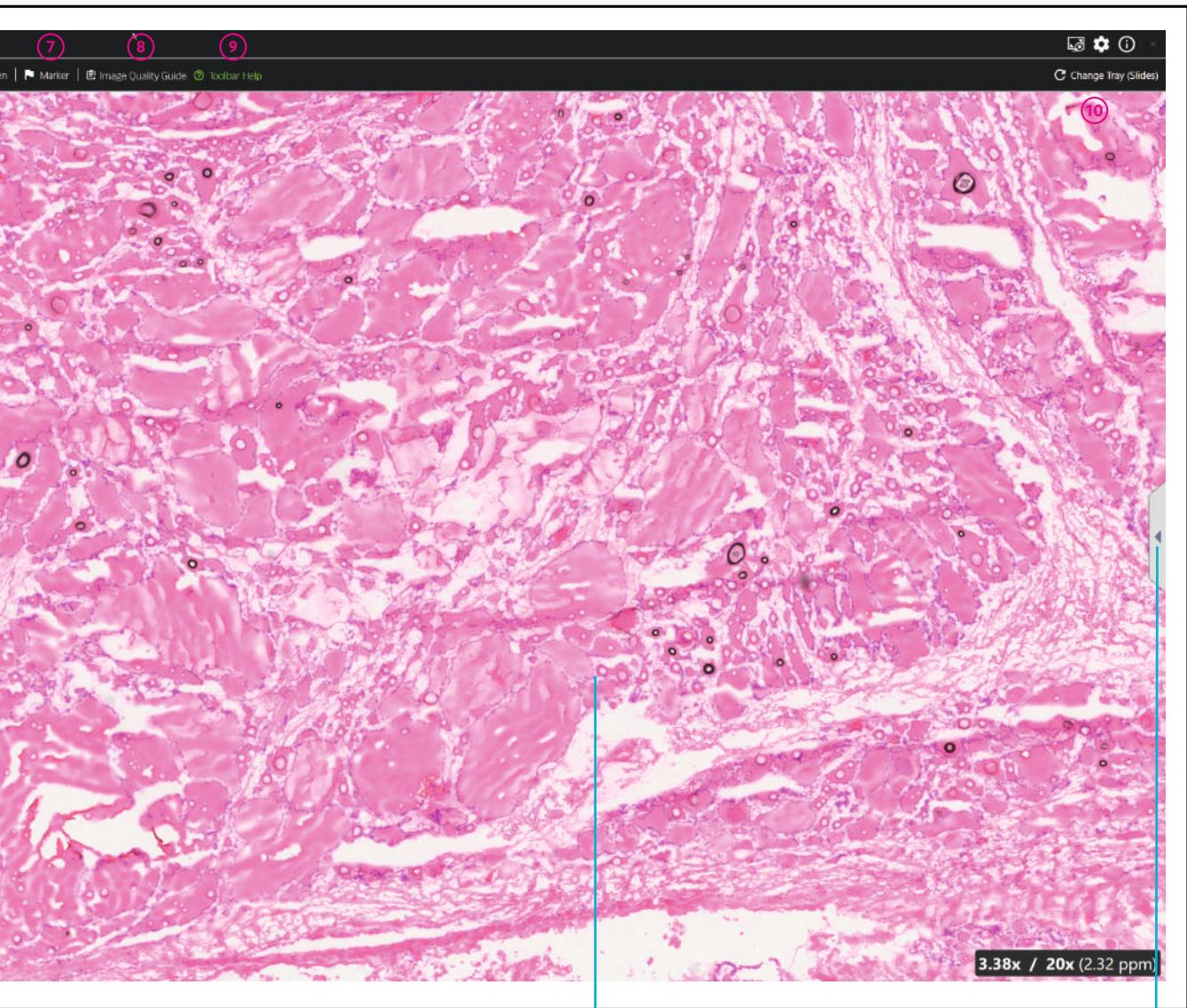
The preview image helps users to orientate and navigate effortlessly. Zoom through the sample to view different layers and regions of the specimen. The fully motorized device provides tools for adjusting the image quality, allowing the user to focus the specimen, adjust white balance, and even out shading.

- ① View at magnification levels
- ② Adjust illumination (darker/brighter)
- ③ Set focus plane automatically
- ④ Set focus plane manually
- ⑤ Take screenshot of current view
- ⑥ View entire slide
- ⑦ Mark areas of interest
- ⑧ Assisted tour for adjusting focus and illumination
- ⑨ Introductory tour
- ⑩ Change tray – Z-axis will move up for easy access



Overview area

Toolbar



Working area

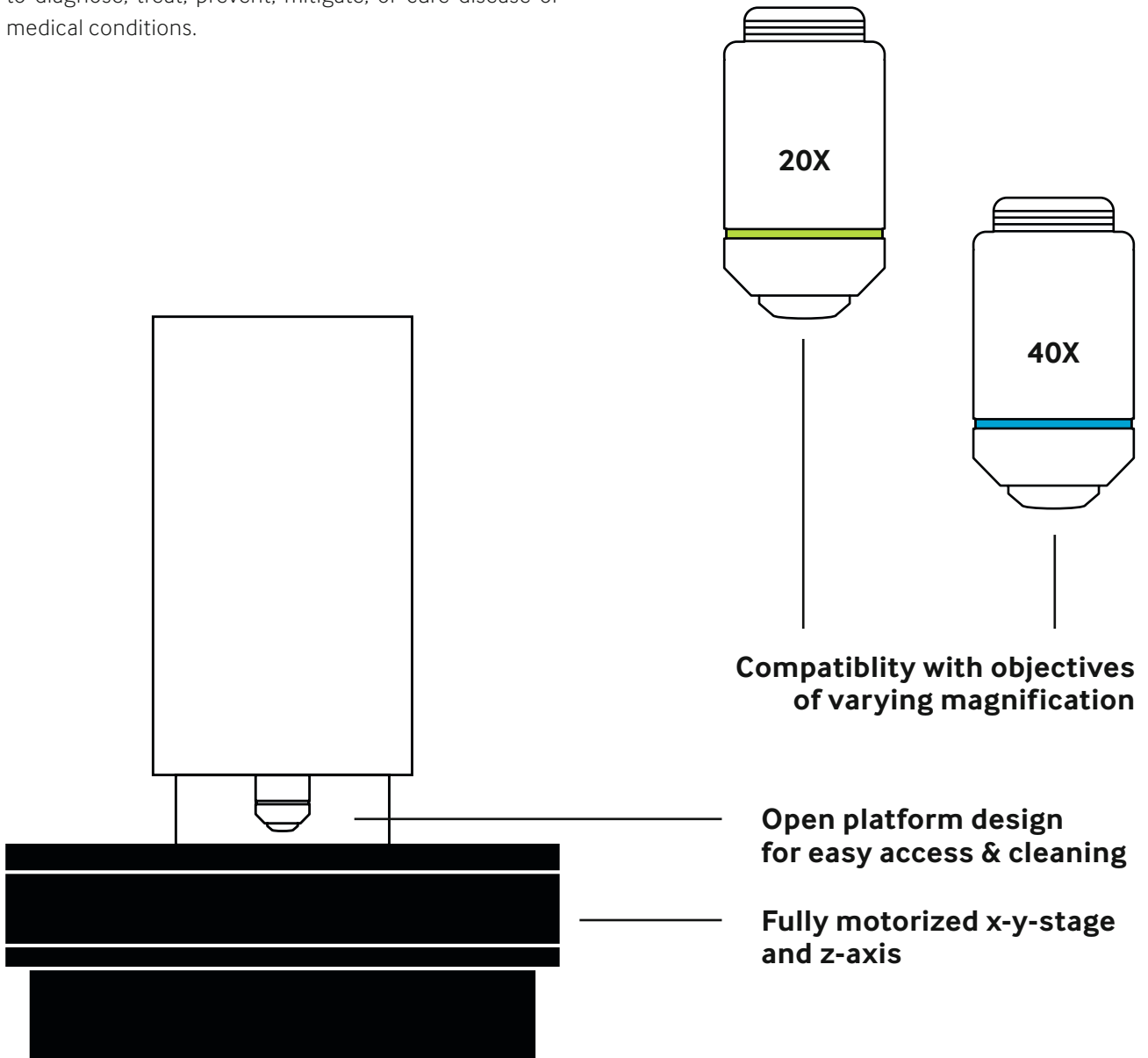
Click to open sidebar

# State-of-the-art technology

## Power of iO:M8

The iO:M8 digital real time light microscope system is intended for the in vitro diagnostic use to provide digital images of surgical pathology slides prepared from frozen tissue and cytology preparations that can be used to aid the pathologist to review and interpret physiological or pathological states. The iO:M8 device itself is not intended to diagnose, treat, prevent, mitigate, or cure disease or medical conditions.

The iO:M8 is designed with purpose and CE-IVD certified for use during intraoperative procedures. The iO:M8 consists of a digital microscope and corresponding control software "Micropoint" running on the host computer. 2 different objectives are available for selection before buying the iO:M8.



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## Unleash the power

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Fully motorized x-y-stage and z-axis

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Control and steer the device via control software

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Open hardware platform

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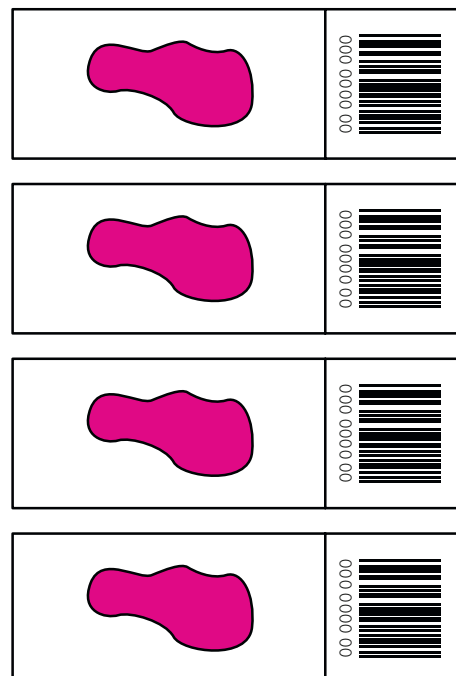
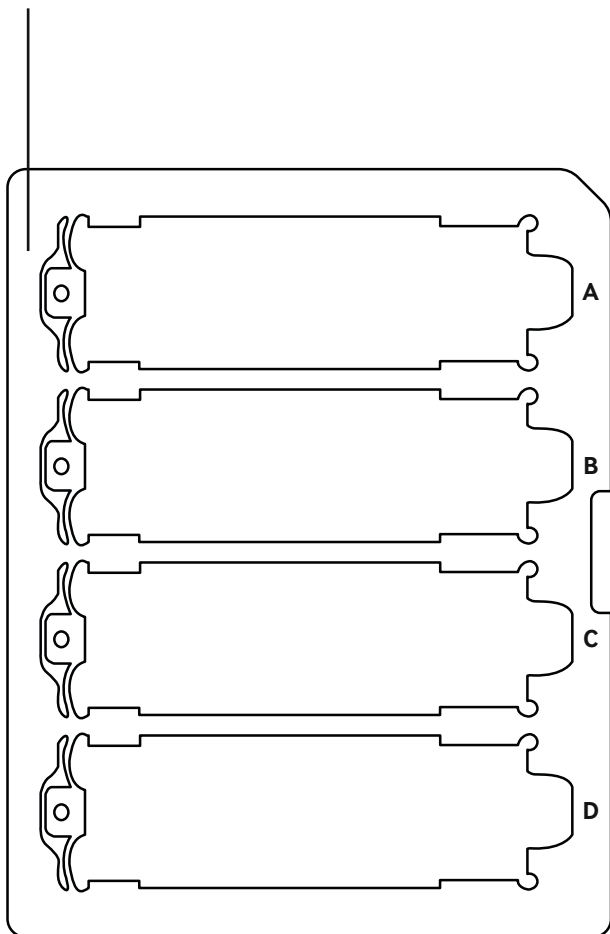
X-y-stage fitting 4 standard slides

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High-resolution imaging digitized by high-quality optics

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### Tray for up to 4 standard slides



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Discover more on the topic of digital pathology at:  
[PreciPoint.com/en/blog](https://www.precipoint.com/en/blog)

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# In brief

Technical data and key features of the iO:M8

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## Components

Microscope	PreciPoint iO:M8 Digital Light Microscope
Light	Transmitted Light; LED, brightfield
Robotic Microscopy	motorized x-y-stage, motorized z-axis
MicroPoint	MicroPoint Version MicroPoint-2022-01-IVD (2.0.0) is the operating system of the microscope which runs on the computer connected to the microscope. It represents the user interface and contains the software steering the iO:M8 functions.
Host PC	The PC on which the Windows operating system and the MicroPoint Control Software runs.
Weight	25 kg
Height at Maximum Z-axis Extension	50 cm
Maximum Width	42 cm
Maximum Depth Operating Area	59 cm

## Digitization

Main Objective iO:M8 20x	Olympus UPLFLN20X-2
Main Objective iO:M8 40x	Olympus UPFLN40X-2
Main Image Resolution at 20x	0.43 $\mu\text{m}$ / pixel
Main Image Resolution at 40x	0.22 $\mu\text{m}$ / pixel
Overview Image Resolution	7 $\mu\text{m}$ / pixel

*Technical specifications subject to change without prior notice*



x-y and z fully  
motorized

short time  
to view

small footprint



# Service and support

Easy service and smart maintenance

Your relationship with PreciPoint does not end with the purchase of a device - we remain your reliable partner over the whole product lifecycle. We offer advice and service so that you can continuously achieve top performance. Our sales and customer service teams are quickly available for you and happy to take up your concerns. We are proud to be able to resolve most support cases remotely, which

is possible because of our smart systems that allow for remote analytics of our devices.

PreciPoint is officially certified according to ISO 13485:2016. Our quality management system ensures high product, process, planning, and legal standards for users and our partners.



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## **Robust Design**

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Hardware requires little to almost no service or support after installation.

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## **Quick Start**

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Fast set-up, installation, and quick start.

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Various training options are available.

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Training module tailored to user-specific needs.

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## **Support**

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Fast turn-around technical support.

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Quick response time for support requests.

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Almost all support requests are closed remotely.

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## **Service**

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Easy to clean, open hardware design.

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High-quality materials, low maintenance is needed.

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# PreciPoint – Microscopy for Life

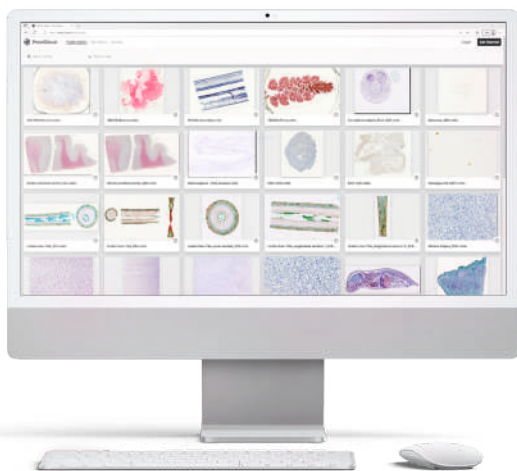
Core product family – Made in Germany

PreciPoint is changing the future of the histology lab and of microscopy users. We are removing the barriers to entry into digital workflows for users, scientists, and healthcare professionals. Together with users, we develop products that combine first-class optics with compact and high-precision hardware design as well as easy-to-use and powerful software to meet real user needs.

PreciPoint's digital microscopes, scanners, software, and cloud solutions are developed to the highest German engineering standards and produced in Germany. Our solutions make the work of microscopy users worldwide easier and more efficient.

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## PreciCloud



Virtual Microscopy Platform

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## ViewPoint



Virtual Microscopy Viewing Software

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## iO:M8



Digital Live Microscope

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## Fritz



Slide Scanner

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## M8



Microscope and Scanner

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## O8



Oil Microscope and Scanner

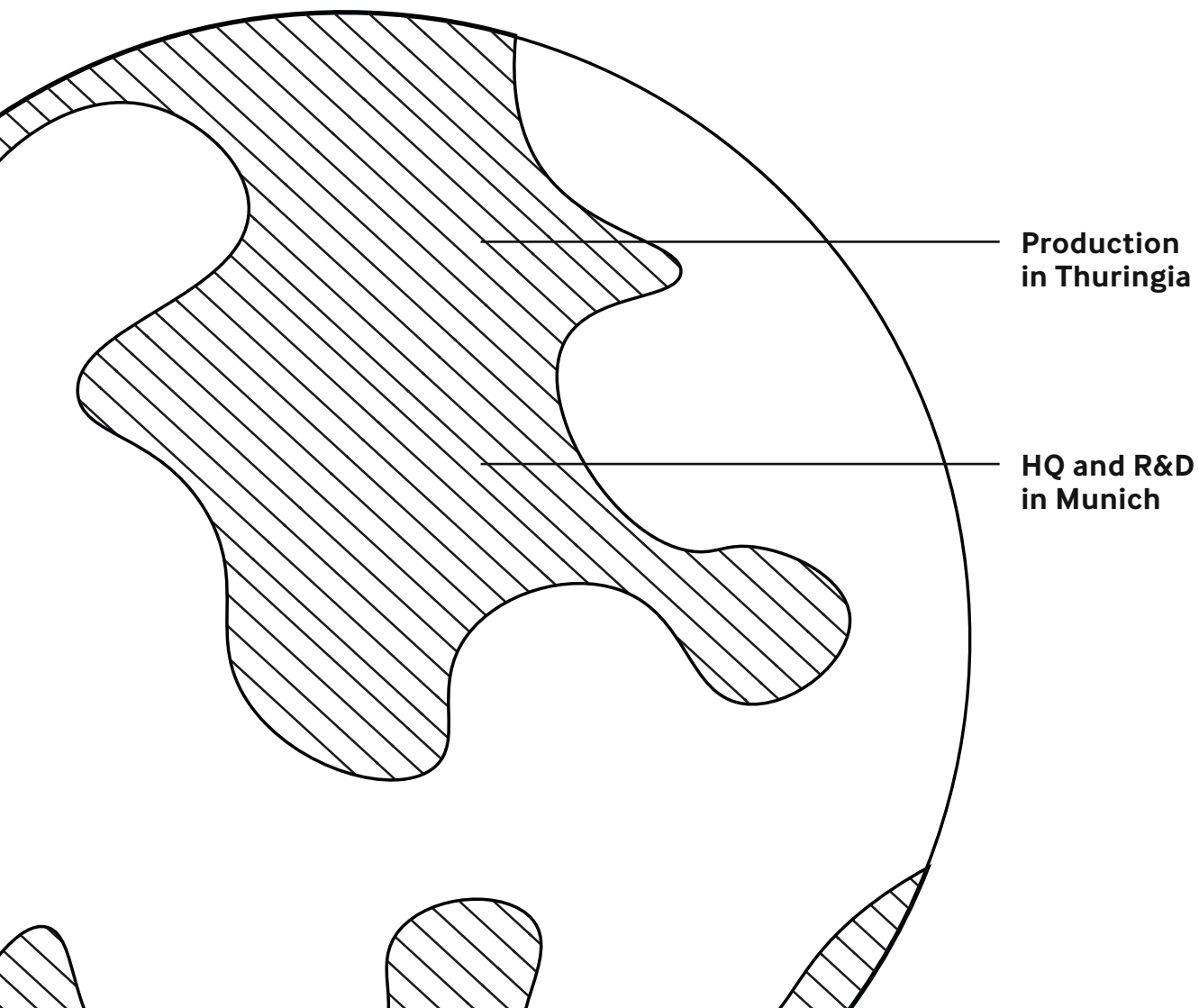
# Worldwide presence

German Engineering at its best

Since 1982, PreciPoint has developed best-in-class microscopy systems, microscopy components, and corresponding software for a diverse range of microscopy use cases. Our core competence is the digitization of automation and measurement technology in the field of microscopy and micropositioning systems. We have made more than 15,000 installations of solutions, systems, and devices in over 30 countries worldwide.

Customers trust and value our products for their ease-of-use and intuitive operation, built around robust, high-quality devices that are known for their longevity. Decades of experience and expertise enables us to develop distinct user-centric solutions for digital microscopy and digital pathology.

Contact us to learn more about the future of microscopy at [sales@precipoint.de](mailto:sales@precipoint.de) or +49 (0) 8161 976 93 99.



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Discover the future of microscopy.  
Book an online demo today to  
see how the iO:M8 can digitize  
your workflow.

Send us an email: [sales@precipoint.de](mailto:sales@precipoint.de)

or talk to us directly: [+49 \(0\) 8161 976 93 99](tel:+49(0)81619769399)



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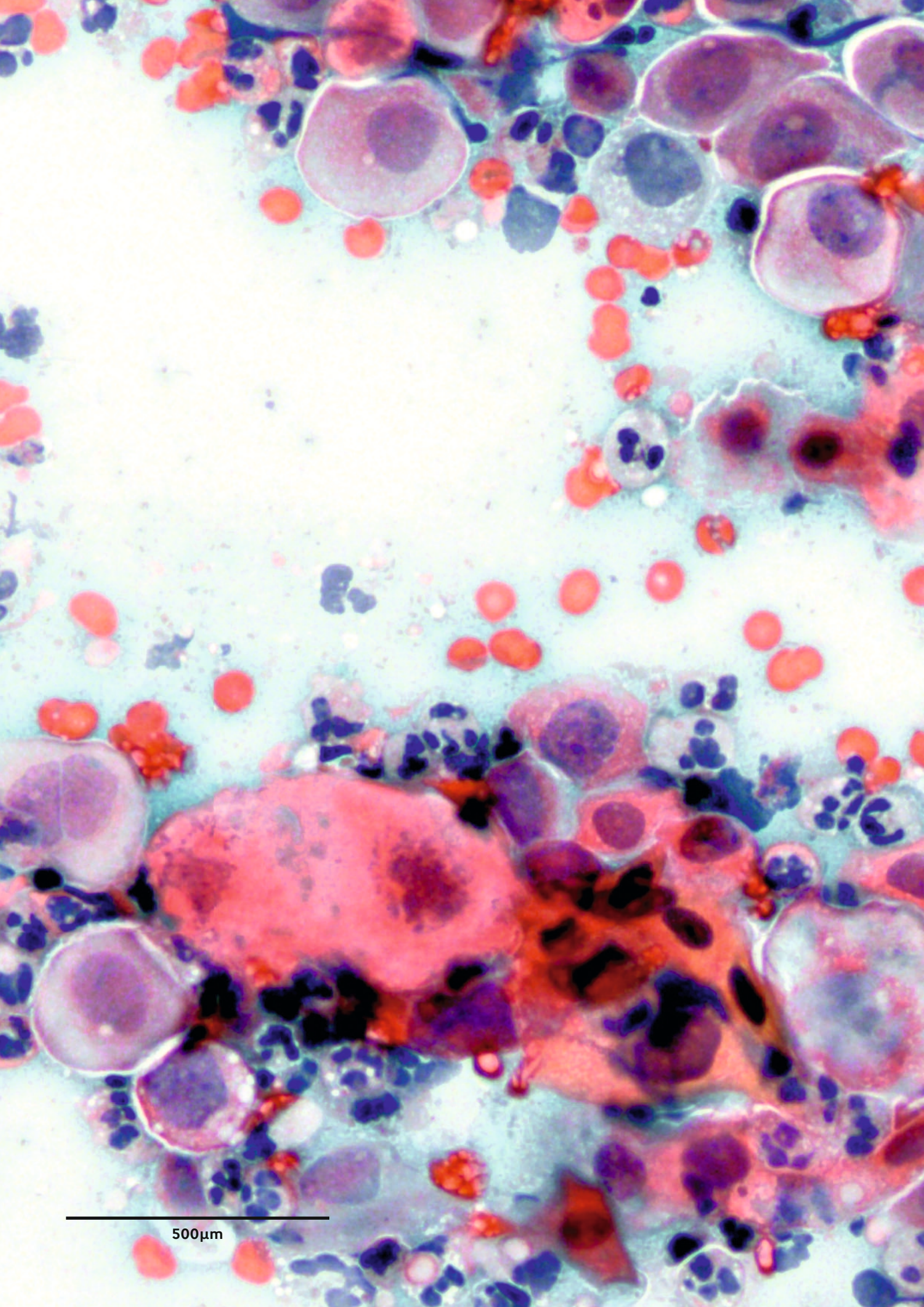
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