



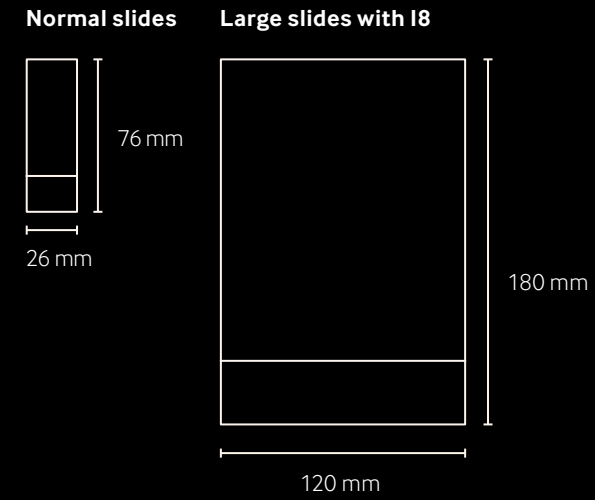
# The I8 Inverted Microscope and Scanner

# The I8 – Inverted Microscope

The I8 is a fully motorized and truly digital inverted microscope that will shed new light on to cells and tissue imaging, routine testing and groundbreaking analytics. Specially designed for biologists and physicians in research and at pharmaceutical companies, the I8 is the ideal platform that empowers you and your work.



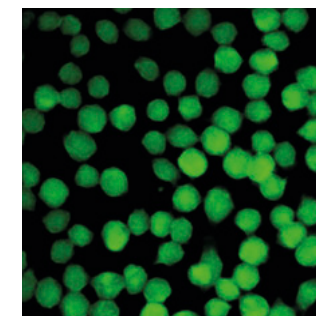
## Large slide handling



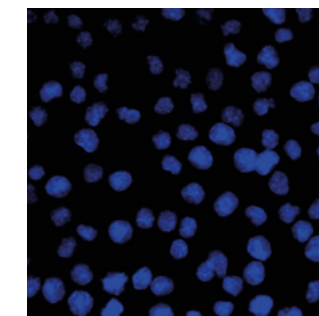
**Scan whole brain sections** with the I8. As all PreciPoint microscopes, the I8 is easy to use and efficiently digitizing your workflow. Scan your samples in the highest magnification and share them with our PreciCloud with colleagues from all over the world. Our flexible slide holder system can accommodate any size tissue up to 120mm x 180mm.

## Fluorescence

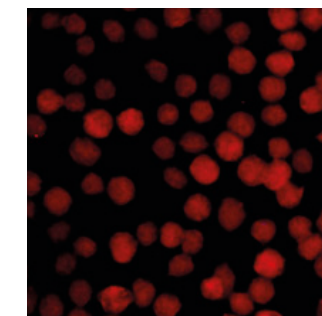
With fluorescence, you can specifically label and analyze a variety of different proteins and structures within the same sample. Your possibilities range from simple experiments with one color to the complex marking of structures. Precise localization requires a microscope system that combines robust hardware design with gentle excitation of fluorophores and sensitive detection of emissions. Our fixed fluorescence set up with up to 4 filter cubes enables a multitude of imaging applications.



Alexa 568



Alexa 488 GFP

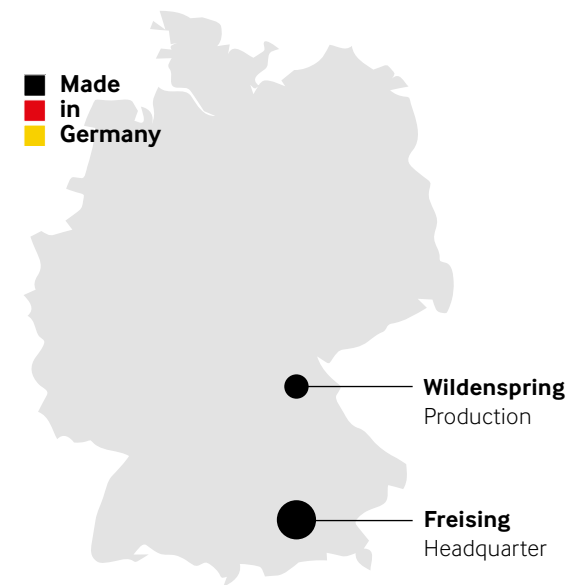


DAPI



## German Engineering at its best

Since 1982, we have made more than 15,000 installations of diverse systems and devices all over the globe. They are produced in Germany and our solutions are made to the highest German engineering standards. Our key competence is the digitization of measurement and automation technology in the field of microscopy and micropositioning systems. The spectrum of our offers ranges from smart microscopes to automated testing systems with custom-made software and from microspectroscopy to x-y-stages.



# 20

Active in over 20 countries worldwide

# 15,000

Installations made by PreciPoint

# 1982

Experience in service and technology since 1982

## Tech specs

<b>Overall system / Housing</b>
Overall dimensions (W x D x H): 685 x 575 x 630 mm
Total weight incl. base and stage: 75 kg
<b>Z-Axis</b>
Travel range (Z): 45mm
Min. / Max. travel speed: 0.05 (µm / sec) / 6.5 (mm / sec)
<b>Electronic objective revolver</b>
Objective positions: 4
Objective change time (next obj.): 0.85 sec
Objective range (no oil objectives supported): 20x to 100x
<b>PC with MicroPoint</b>
All I8 functions controlled via computer
Whole slide and partial digitization possible (bright field only)
MicroPoint controlling main hardware functions
PC to be approved by PreciPoint

<b>Fluorescence unit</b>
Fluorescence unit positions: 5 (1x transmitted light + 4x different filter cubes)
Fluorescence change: not possible for the user, fixed
Position change time (next cube.): 2.1 sec
<b>Transmitted light LED</b>
Transmitted light LED illumination with warm white power LED intensity controlled by 1: 30 intensity to support a wide level range
<b>X-Y Stage</b>
Travel (X, Y): 180 x 120 mm
Min. / Max. travel speed: 0.2 (µm / sec) / 25 (mm / sec)
Custom specific sample holder upon request: 3–6 months delivery

## Over 37 Years of experience in customer service and support

Our commitment to quality does not end with your purchase. We offer different service packages tailored to your requirements. You can expect long-term support and maintenance, that accompanies you throughout the entire service life of your product.

We offer technological advise and service to achieve optimal performance of your workflows. Our customer service is happy to respond quickly to all arising questions. With the M8 for telemicroscopy, you got a reliable and refined solution. Should there still be an issue, we will be on-site as soon as possible to take care of it.

### Contact us

Discover the future of inverse microscopy. Book a demo today to see how the I8 can accelerate your workflow.

- Send us an email: [sales@precipt.de](mailto:sales@precipt.de)
- or talk to us directly: +49 (0) 8161 976 979–9

# Get a free trial

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## Demo

See how the solution works for you.

Request a demo at your premises.

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+49 (0) 8161 976 979-9

[sales@precipoint.com](mailto:sales@precipoint.com)

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