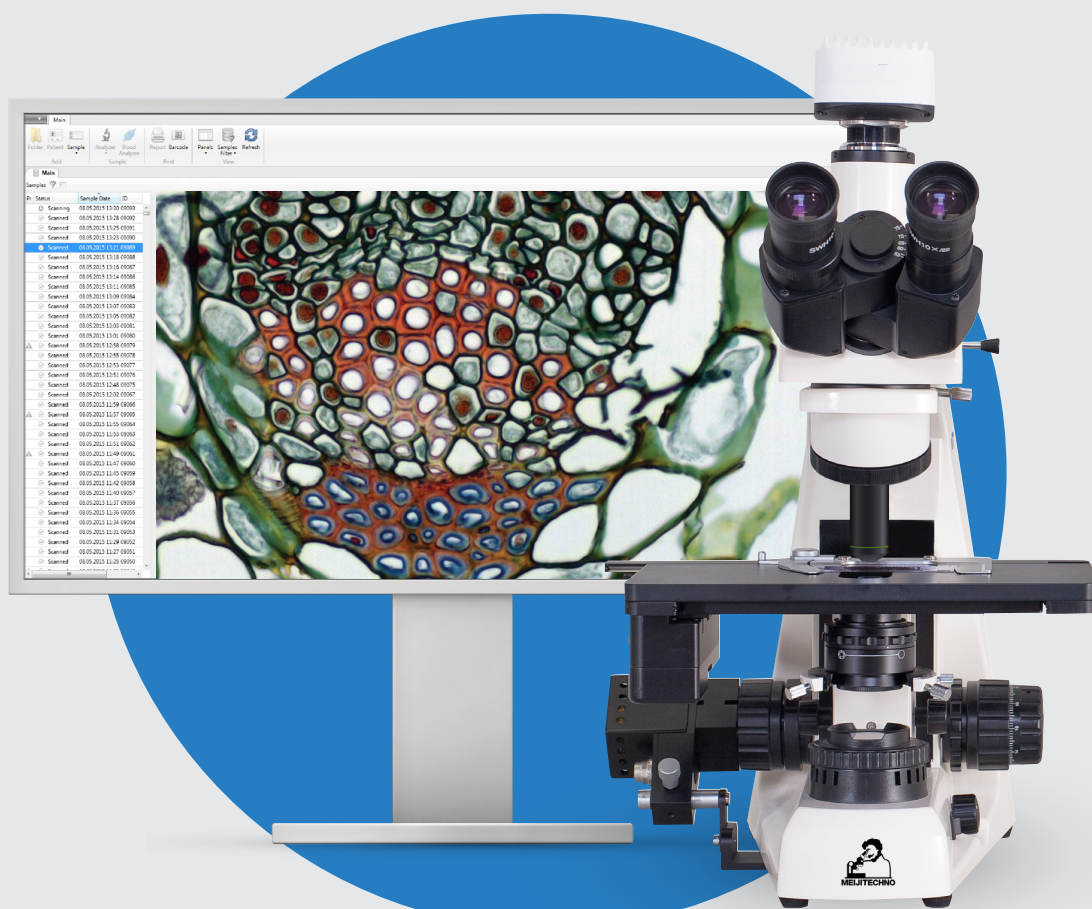


Digital Slide Scanners

MEIJI TECHNO



Digital Slide Scanners



Advanced microscopy tools for professionals in diverse fields

How does it work?



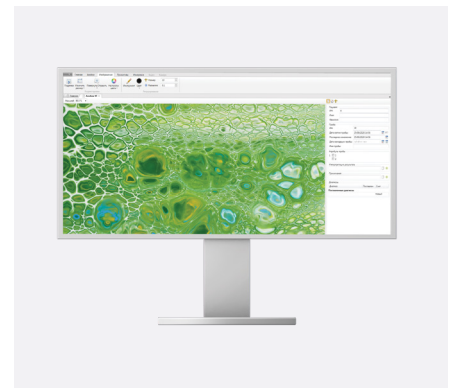
1 Glass slide

Simultaneous loading from 1 to 4 slides



2 Scanning

Fast scanning. Capturing the image of complete slide area



3 Digital slide

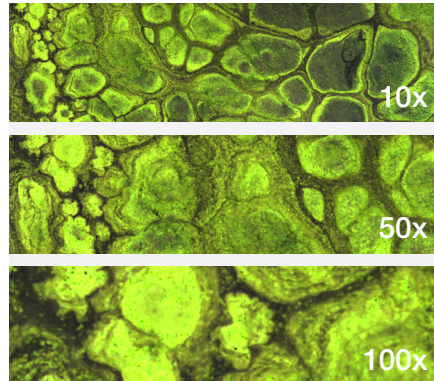
Creating virtual sample

Converts glass slides to digital slides

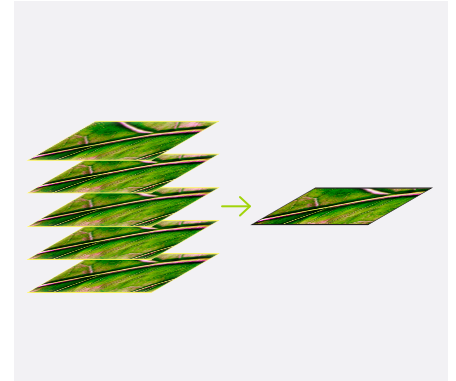
Main Features



Panoramic images of complete slide area

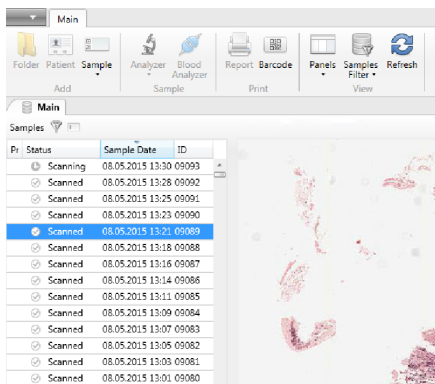


Additional magnifications

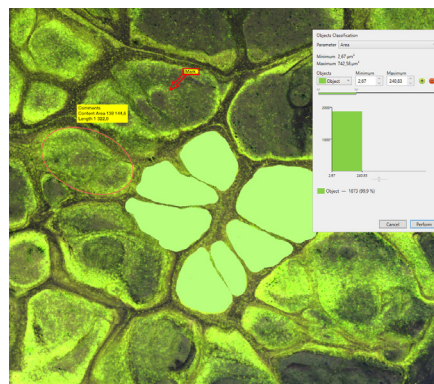


Extended focus

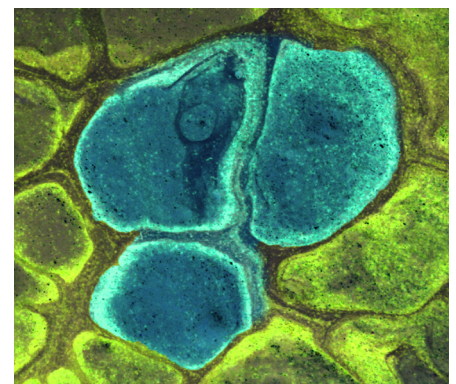
Software



Database for archive management



Working with images: select, edit, marks and text comments



Autodetection of scanning area

Perfect image quality



Features

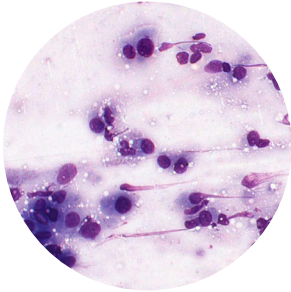
- Successive slide loading by operator
- Loading 1 slide
- Creating a virtual slide (WSI, Whole Slide Image)
- Focus: automatic, extended, range
- Plan Apochromat objectives
- Immersion scanning with high definition (optional)
- Sample scanning
- Capturing an image of the entire slide area



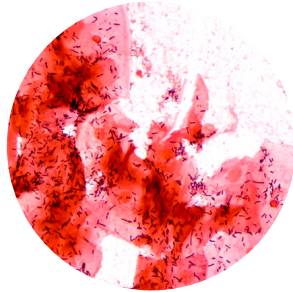
Features

- Multiple slide loading by operator
- Simultaneous loading 4 slides
- Creating a virtual slide (WSI, Whole Slide Image)
- Focus: automatic, extended, range
- Plan Apochromat objectives
- Immersion scanning with high definition (optional)
- Sample scanning
- Capturing an image of the entire slide area

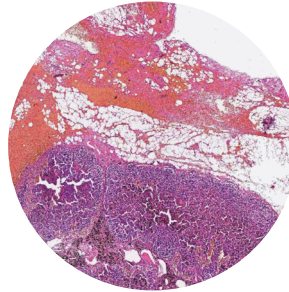
Life Science & Digital Pathology



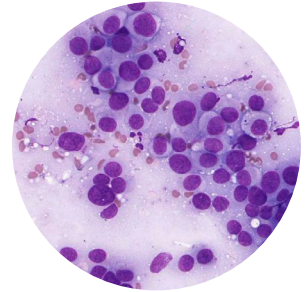
Biology



Microbiology

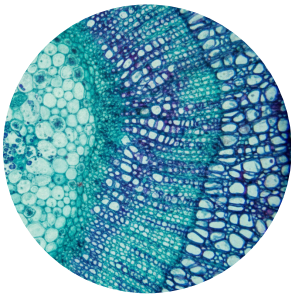


Histology

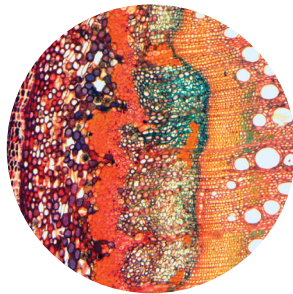


Cytology

Research & Education



Botany



Environmental
Studies



Education



Remote
Consultation

MT5000/DSS 1

MT5000/DSS 4

Main features

Slide capacity	1 slide	up to 4 slides
Imaging mode	Brightfield	
Illuminator	Built-in Koehler illumination, LED	
Microscopic slides	Width: 25–26 mm, length: 75–76 mm, thickness: 0.8–1.4 mm	

Scanning

Scan time (15x15 mm, 20x)	1.5 min	2 min
Objectives	Plan Achromat 20x/0.75 Plan Achromat 40x/0.95 (optional) Plan Achromat 60x/1.25 Oil (optional)	
Objective turret	Yes	
Resolution	Plan Achromat 20x/0.75 — 20x/40x: 0.5/0.25 µm/pixel Plan Achromat 40x/0.95 — 40x/80x: 0.25/0.12 µm/pixel Plan Achromat 60x/1.25 Oil — 100x: 0.1 µm/pixel	
Focus	Automatic Extended Range	

Software

V-Scan	— Scanning slide and creating virtual sample — Visualization and storage of digital samples in the database — Supports multiple digital slide formats: .mrxs, .svs, .tiff, .dcm — A professional set of tools to work with digital samples: create, edit, organize, classify and comment — Automated and manual calculation of optical and geometric parameters of a selected object. Tools to create marks and comments on the digital sample — Remote access and network capabilities	
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Environment

Power	110–240 V / 50–60 Hz
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MEIJITECHNO



MEIJI TECHNO CO., LTD.

322-1, Chikumazawa Miyoshi machi,
Iruma-gun Saitama 354-0043, Japan
tel.: (0)49-259-0111
fax: (0)49-259-0113
meiji@meijitechno.co.jp
www.meijitechno.co.jp



MEIJI TECHNO AMERICA

591 Division St., Campbell CA 95008
Toll free USA: 800-832-0060
tel.: 408-226-3454
fax: 408-226-0900
admin@meijitechno.com
www.meijitechno.com



MEIJI TECHNO EUROPE

Brown-Boveri-Straße 6, B17-1
2351 Wiener Neudorf, Austria
tel.: +43 (0) 2236 892465
fax: +43 (0) 2236 892464
info@meijitechno-europe.com
www.meijitechno-europe.com



MEIJI TECHNO UK, LTD.

Meiji Techno UK Limited,
The Vineyard, Axbridge
BS26 2AW, SOMERSET
tel.: 01934 733655
enquiries@meijitechno.co.uk
www.meijitechno.co.uk

| www.meijitechno.com |

We reserve the right to change specification without notice.

Official Distributor

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