Automated brightfield slide scanner

Digitise microscope slides at 20× or 40× optical magnification, with capacity for up to 320 slides.

Slide scanning



Features

- Automated loading of up to 320 slides, with continuous tray loading during scanning.
- 20× and 40× optical scanning options for different sampling requirements.
- Focus-map acquisition, image stitching and priority tray scanning.
- Standard and optional mega-slide trays accommodate different specimens.

Technical specifications

Slide capacity	320 slides, 20 trays × 16 slides
Optical magnification	20× or 40×
Sampling at 20×	0.225 µm/pixel
Sampling at 40×	0.112 µm/pixel
Scan time at 20×	14 s for 15 × 15 mm tissue
Scan time at 40×	23 s for 15 × 15 mm tissue
Field of view	20× 0.72 × 0.50 mm; 40× 0.36 × 0.25 mm
Focus	Focus map
Standard scan area	24 × 54 mm
Optional mega scan area	44 × 54 mm
Standard slide size	24-25 × 74-76 mm
Optional slide size	50-52 × 74-76 mm
Label area	25 × 15-20 mm
Scan mode	Brightfield
Touchscreen	52.1 × 29.3 cm
Dimensions	82.5 × 72 × 91.5 cm; 116 × 72 × 91.5 cm with door open
Weight	175 kg
Power input	220-230 V AC, 50/60 Hz
Operating temperature	10-35 °C

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Applications

- Digitise stained microscope slides for research review and image analysis.
- Batch acquisition of standard and selected large-format tissue slides.

Configurations and accessories

- Specify 20× or 40× scanning, standard or mega trays, and the required slide formats.
- Include workstation, image storage, network integration and available installation space in the enquiry.

Selection notes

- Specifications follow the current revision-6 brochure. Older webpage figures differ. Confirm magnification, sampling and power input for the selected configuration; scan times refer to the stated tissue area.

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