

NanoZoomer[®] S360MD

Slide scanner system

C13220-21MDEU

Discover this high-throughput, regulatory compliant model



High-throughput Scanning

82 slides/h
(40× mode)

* When it scans an area of
15 mm × 15 mm square with 5 focus points.

Selectable Scanning Modes

Fully and semi-Automatic scanning available

Regulatory Compliant

IVDR (EU)
UKCA (UK)
IVDO (CH)

High-capacity Scanning

360 slides
in one batch

Low-operational Workload

Assistant for
image quality
check

HAMAMATSU

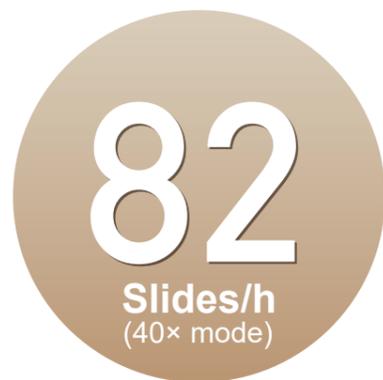
PHOTON IS OUR BUSINESS

Quickly generate digitalized slides

High-throughput and high-capacity scanning

Optimize slide loading, scan speed and data transfer to maximize scanning efficiencies.

High-throughput



Scan speed delivers a throughput of 82 slides/h in 20x and 40x mode.

* When it scans an area of 15 mm x 15 mm square with 5 focus points.

Automatic scanning



12 cassettes with 30 slides per cassettes.

Maintain an optimized system condition



Optimum image quality and color balance are maintained by the operational software "NZAcquireMD".



Improved scanning workflow solutions

Can choose a scanning mode as you like.

Fully-Automatic scanning



All scanning processes work automatically.

Semi-Automatic scanning



Option to set-up scanning conditions such as scan area or resolution and to assign profiles for each slide.

More productive and convenient

Scan status

Scan status bar displaying the status for each cassette as "Waiting for scan", "Scanning" and "Scan completed".



Profile functions

- Scan profile

Save scan conditions such as scan area and sample size threshold for tissue recognition.



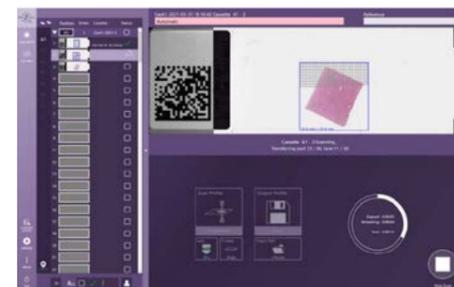
- Output profile

You can choose multiple files for saving an image.

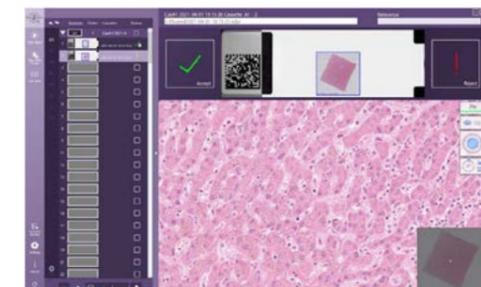


Quality check

QC (Quality Check) mode is available to allow users to check image quality before finalizing Whole Slide Image.



Scanning

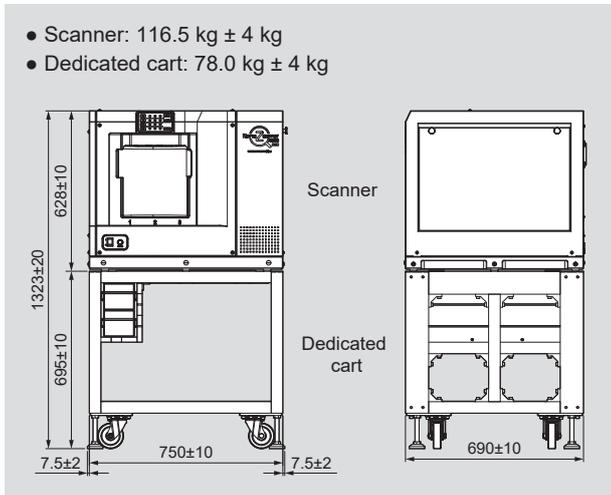


Checking

System configuration



Dimensional outlines (Unit: mm)



* Excluding levelling feet.

Specifications

Product name		NanoZoomer® S360MD Slide scanner system
Product number		C13220-21MDEU
Scanning speed *1	20× mode	Approx. 30 s
	40× mode	Approx. 30 s
Throughput *1	20× mode	More than 82 slides/h
	40× mode	More than 82 slides/h
Objective lens		20× N.A. 0.75 User can select 20× or 40× mode at start of scanning
Compatible glass slides		25.0 mm to 26.0 mm × 75.0 mm to 76.0 mm (Thickness 0.9 mm to 1.2 mm)
Slide loader		360 slides (30 slides × 12 cassettes)
Scanning resolution	20× mode	Approx. 0.46 μ m/pixel
	40× mode	Approx. 0.23 μ m/pixel
Focusing method		Pre-Focus map
Z-stack feature		Included
Image compression		JPEG compression
Readable barcodes	1D Barcodes	Code 39, Code 128, Interleaved 2 of 5, Codabar, EAN-8 and UPC-E
	2D Barcodes	DataMatrix (ECC200) QR code (QR Code Model-1) QR Code Model-2
Power supply		AC 100 V to AC 240 V
Power consumption (Scanner only)		Approx. 200 VA

*1 When it scans an area of 15 mm \times 15 mm square with 5 focus points.

Intended Use

NanoZoomer® S360MD Slide scanner system ("NanoZoomer® System") is an automated digital slide creation, viewing, and management system. The NanoZoomer® System is intended for in vitro diagnostic use as an aid to the pathologist to review and interpret digital images of surgical pathology slides prepared from formalin-fixed paraffin-embedded ("FFPE") tissue. The NanoZoomer® System is not intended for use with frozen section, cytology, or non-FFPE hematopathology specimens. The NanoZoomer® System comprises the Scanner and the NZViewMD Software. The NanoZoomer® System is for creation and viewing of digital images of scanned glass slides that would otherwise be appropriate for manual visualization by conventional light microscopy. It is the responsibility of a qualified pathologist to employ appropriate procedures and safeguards to assure the validity of the interpretation of images obtained using NanoZoomer® System.

- NanoZoomer is a registered trademark of Hamamatsu Photonics K.K. (EU, Japan, UK, USA)
 - The product and software package names noted in this brochure are trademarks or registered trademarks of their respective manufacturers.
 - Subject to local technical requirements and regulations, availability of products included in this brochure may vary. Please consult with your local sales representative.
 - The product described in this brochure is designed to meet the written specifications, when used strictly in accordance with all instructions.
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