

# NanoZoomer<sup>®</sup> S360MD

## Slide scanner system

C13220-61MDK **For Korea**

Discover this high-throughput, MFDS 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

MFDS

### High-capacity Scanning

360 slides  
in one batch

### Low-operational Workload

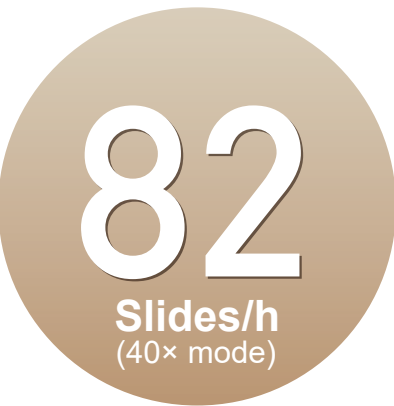
Assistant for  
image quality  
check

# 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".



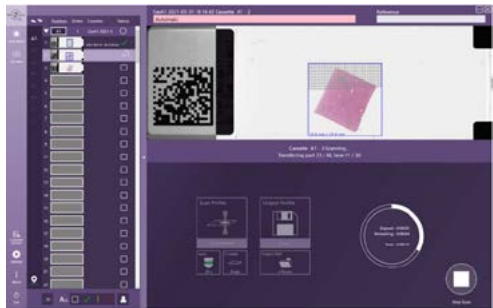
### Profile functions

- **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.

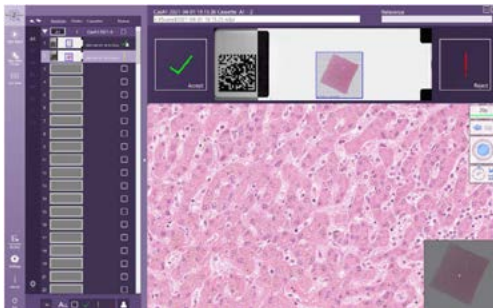


### Quality check

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

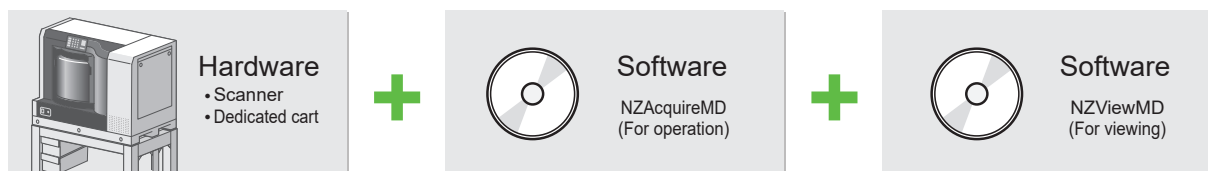


Scanning

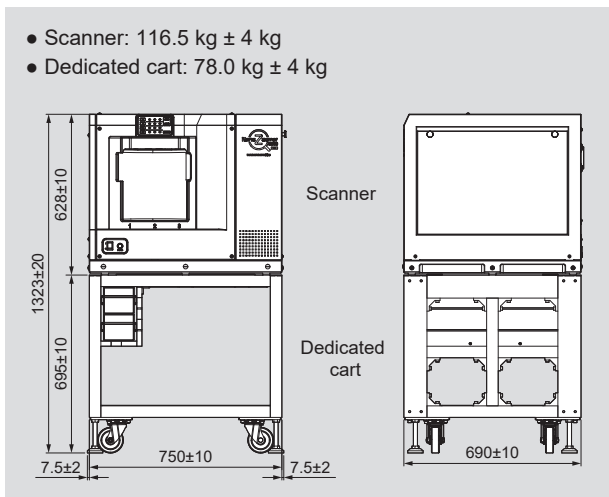


Checking

## System configuration



## Dimensional outlines (Unit: mm)



\* Excluding levelling feet.

## Specifications

Product name		NanoZoomer® S360MD Slide scanner system
Product number		C13220-61MDK
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 μm/pixel
	40× mode	Approx. 0.23 μm/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 (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 × 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.

Registration Information on Korean Database for Medical Device  
체외 수신 22-1903 호

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  - 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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