NanoZoomer® S60v2MD
Slide scanner system

C16600-21MDEU

Scan various size slides with
this regulatory compliant model

Multi-slide Type Scanning	Up to 60 standard-sized slides or 30 mega-sized slides	**High-speed Scanning**	60 s (20× mode) 75 s (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	**Low-operational Workload**	Assistant for image quality check
Regulatory Compliant	IVDR (EU) UKCA (UK) IvDO (CH)		

Flexible multi-slide scanning options at constant high-speed
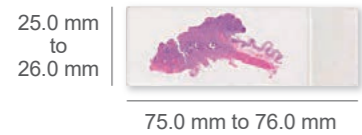
Multi-slide type handling

The NanoZoomer® S60v2MD has three slots available, which allows to scan both standard and mega-sized slides in one batch.

Standard-sized slide
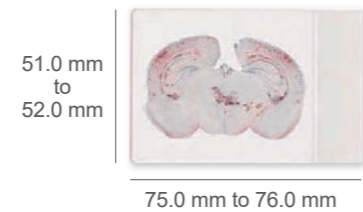
Up to
60
slides

20 slides × 3 cassettes

25.0 mm to 26.0 mm

75.0 mm to 76.0 mm

Mega-sized slide

Up to
30
slides

10 slides × 3 cassettes

51.0 mm to 52.0 mm

75.0 mm to 76.0 mm

Users can use up to three slots using standard or mega-sized slides interchangeably based on their preferences.

Example

Scanning 40 standard-sized slides and 10 mega-sized slides at one time.

Slot 3
Slot 2
Slot 1

Standard-sized slides
20 slides

Standard-sized slides
20 slides

Mega-sized slides
10 slides

High-speed scanning

Achieve these outstanding scan timings on both standard and mega-sized slides.

20× mode Approx. **60** seconds
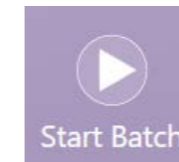
40× mode Approx. **75** seconds

These scan timings can be achieved when it scans an area of 15 mm × 15 mm square with 5 focus points.

Standard-sized slide

Mega-sized slide

15 mm × 15 mm
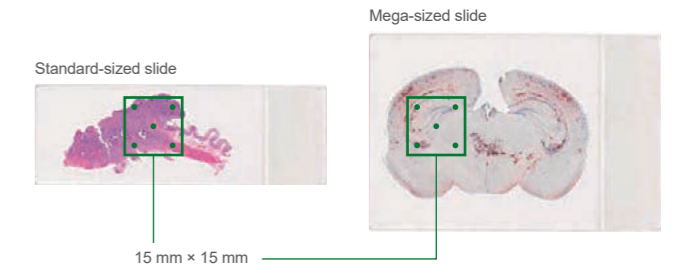
Improved scanning workflow solutions

Choose your preferred scanning mode.

Fully-Automatic scanning

Start Batch

All scanning processes work automatically.

Semi-Automatic scanning

Take Slide Image

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

Maintain an optimized system condition

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

More productive and convenient

▶ Profile functions

● **Scan profile**

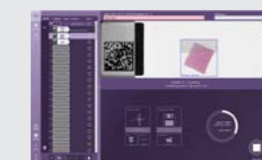Save scan conditions such as scan area and sample size threshold for tissue recognition.

● **Output profile**
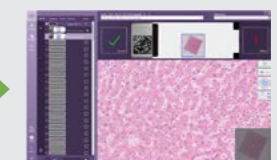
You can choose multiple files for saving an image.

▶ Quality check

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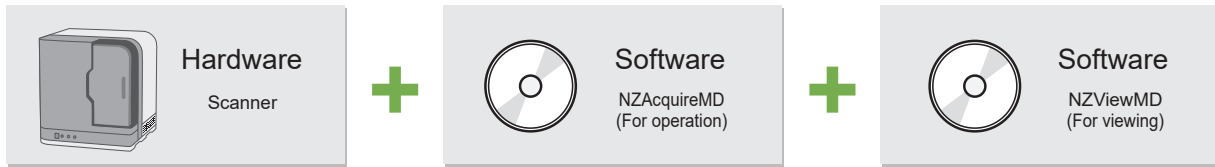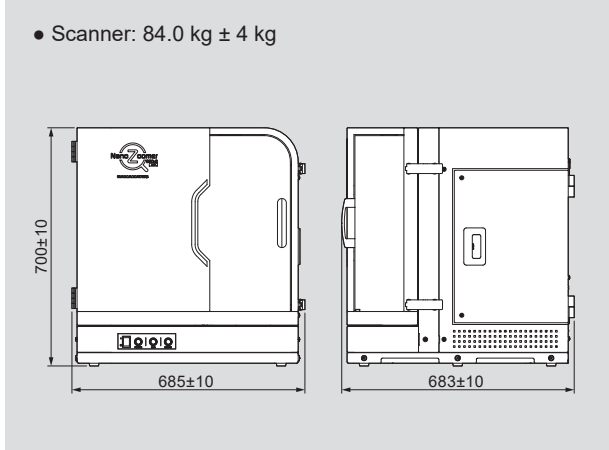
Scanning

Checking

System configuration

Hardware — Scanner + Software — NZAcquireMD (For operation) + Software — NZViewMD (For viewing)

Dimensional outlines (Unit: mm)

● Scanner: 84.0 kg ± 4 kg

700±10
685±10
683±10

Specifications

Product name		NanoZoomer® S60v2MD Slide scanner system
Product number		C16600-21MDEU
Scanning speed *1	20× mode	Approx. 60 s
	40× mode	Approx. 75 s
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)
		51.0 mm to 52.0 mm × 75.0 mm to 76.0 mm (Thickness 0.9 mm to 1.2 mm)
Slide loader	Standard-sized slide *2	Up to 60 slides (20 slides × 3 cassettes) *3
	Mega-sized slide *2	Up to 30 slides (10 slides × 3 cassettes) *3
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 Model-2)
Power supply		AC 100 V to AC 240 V
Power consumption (Scanner only)		Approx. 120 VA

*1 When it scans an area of 15 mm × 15 mm square with 5 focus points.
*2 Standard-sized is a single slide, mega-sized is a double-width, large slide.
*3 Up to 3 cassettes can be set with combination of standard and mega-sized slides.

Intended Use

NanoZoomer® S60v2MD 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.

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