NanoZoomer® S60v2MD
Slide scanner system

C16600-21MDEU

Scan various size slides
with this IVDR compliant model

Multi-slide type scanning
Up to
60 standard-sized slides
or 30 mega-sized slides

Selectable scanning mode
Fully and semi-automated scanning available

IVDR compliant
Intended for in vitro diagnostic use

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.

Low-operational workload
Assistant for image quality check

HAMAMATSU
PHOTON IS OUR BUSINESS

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

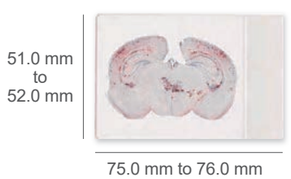
Up to **60** slides

20 slides × 3 cassettes

Mega-sized slide

Up to **30** slides

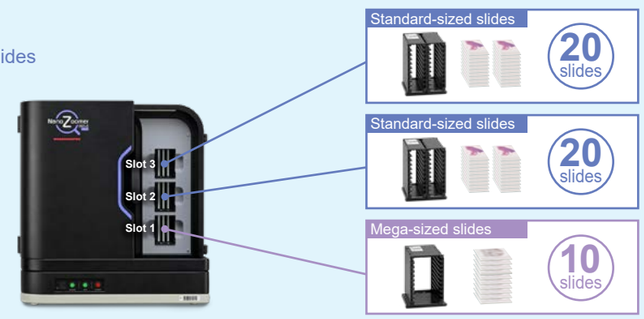
10 slides × 3 cassettes



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.



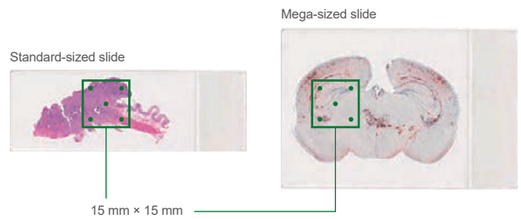
High-speed scanning

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.



Improved scanning workflow solutions

Choose your preferred scanning mode.

Fully-automated scanning

All scanning processes work automatically.

Semi-automated scanning

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 creations

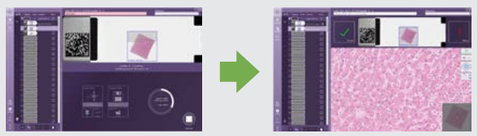
Ability to switch the workflow between fully-automated and semi-automated scanning according to user requirements.

Scan profile

Output profile

▶ Quality check

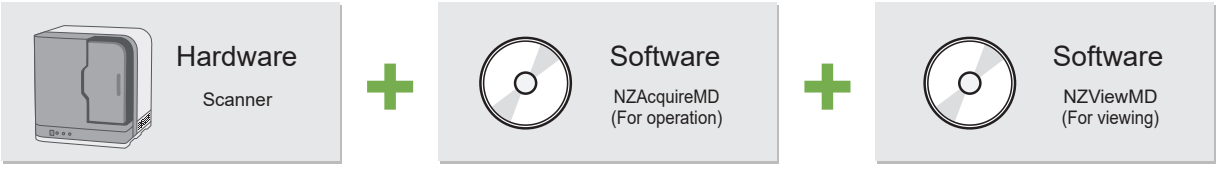
QC (Quality Check) mode is available to allow users to check image quality before finalizing the Whole Slide Imaging.



Scanning

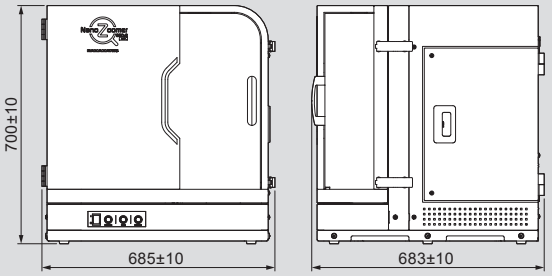
Checking

System configuration



Dimensional outlines (Unit: mm)

- Scanner: 84.0±4 kg



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.

HAMAMATSU PHOTONICS K.K. www.hamamatsu.com

Manufacturer

HAMAMATSU PHOTONICS K.K., Systems Division
Joko Factory
812 Joko-cho, Higashi-ku, Hamamatsu-City, Shizuoka-Pref. 431-3196, Japan
Telephone: (81)53-431-0124, Fax: (81)53-433-8031
E-mail: export@sys.hpk.co.jp

Authorised representative

HAMAMATSU PHOTONICS DEUTSCHLAND GMBH
EC REP Arzbergerstr. 10, 82211 Herrsching am Ammersee, Germany
E-mail: pms-med@hamamatsu.eu

Importers

HAMAMATSU PHOTONICS DEUTSCHLAND GMBH
Arzbergerstr. 10, 82211 Herrsching am Ammersee, Germany
Telephone: (49)8152-375-0, Fax: (49)8152-265-8
E-mail: info@hamamatsu.de

HAMAMATSU PHOTONICS FRANCE S.A.R.L.
19 Rue du Saule Trapu, Parc du Moulin de Massy, 91882 Massy Cedex, France
Telephone: (33)1 69 53 71 00, Fax: (33)1 69 53 71 10
E-mail: infos@hamamatsu.fr

HAMAMATSU PHOTONICS NORDEN AB
Torshamnsgatan 35 16440 Kista, Sweden
Telephone: (46)8-509 031 00, Fax: (46)8-509 031 01
E-mail: info@hamamatsu.se

HAMAMATSU PHOTONICS ITALIA S.R.L.
Strada della Moia, 1 int. 6, 20044 Arese (Milano), Italy
Telephone: (39)02-93 58 17 33, Fax: (39)02-93 58 17 41
E-mail: info@hamamatsu.it

Cat. No. SBIS0135E01
AUG/2022 HPK
Created in Japan