NanoZoomer® S20
Digital slide scanner

C16300-01

Benchtop whole slide image scanner

High-speed Scanning	Approx. 30 s (20×/40× mode) * When it scans an area of 15 mm × 15 mm square with 5 focus points.	**Rapid Throughput**	20 slides approx. 15 min (20×/40× mode) * When it scans an area of 15 mm × 15 mm square with 5 focus points.
Compact	Benchtop compact scanner	**Flexible Slide Racks**	Sakura 4768 20-slide basket Hamamatsu Slide cassette
Selectable Scanning Modes	Fully and Semi Automatic scanning available	**High Quality Images**	Ensuring consistent image quality across platforms
Quality Check	Ensuring high image quality from each scan		

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Compact, high-speed and adaptable scanner
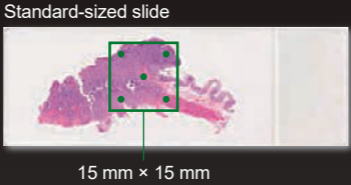
High-speed Scanning

Standard-sized slide

15 mm × 15 mm

Approx. **30** seconds

(40×/20× mode)

NanoZoomer® S20's scanning speed is as fast as our flagship S360.
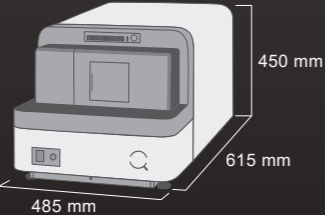
* When it scans an area of 15 mm × 15 mm square with 5 focus points.

Scalable Benchtop Compact Scanner

Our compact scanner fits on a lab bench and is a scalable solution, as you can add more scanners as digitization needs increase.

450 mm

615 mm

485 mm

* Tolerance of ±10 mm.

Selectable Scanning Modes

Fully Automatic scanning

Start Batch

All scanning processes work automatically. As soon as you load, the scanning begins.

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.

Rapid Throughput

New slide handling mechanics allows for rapid handling of slides.

20 slides in **15** minutes

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

Flexible Slide Rack

Load directly from Sakura 4768 20-slide basket* and cover slipper for efficient scanner workflow.
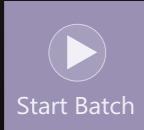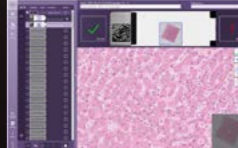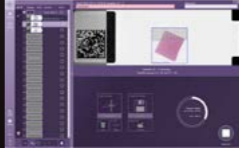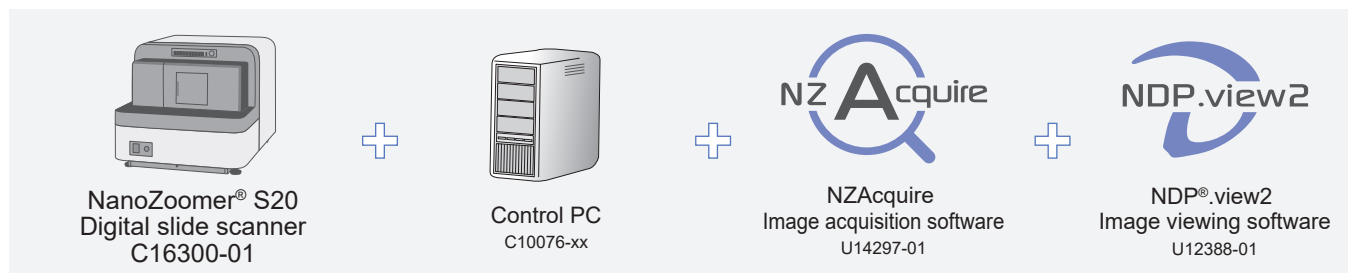
* Sakura 4768 20-slide basket is an option.

High Quality Images

NanoZoomer® produces high quality images using 40× and 20× modes, ensuring consistent image quality across platforms.

Quality Check

QC (Quality Check) mode allows users to check for image quality before finalizing Whole Slide Imaging.

Scanning

Checking

NanoZoomer S20

POWER

HAMAMATSU

System configuration

NanoZoomer® S20
Digital slide scanner
C16300-01

Control PC
C10076-xx

NZAcquire
Image acquisition software
U14297-01
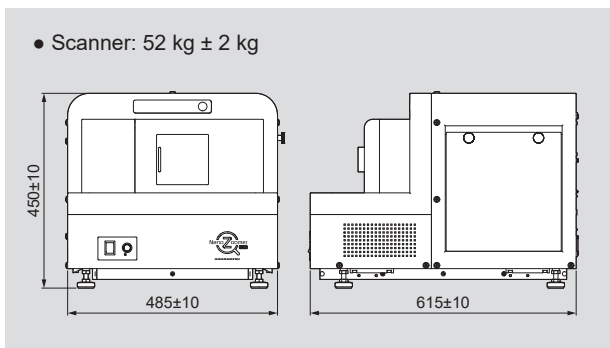
NDP®.view2
Image viewing software
U12388-01

Accessory

● Slide cassette for S20   A16696-01

One cassette is included as standard. Additional cassettes can be purchased as an option.

Dimensional outlines (Unit: mm)

● Scanner: 52 kg ± 2 kg

450±10
485±10
615±10

Specifications

Product name		NanoZoomer® S20 Digital slide scanner
Product number		C16300-01
Scanning speed* (20× mode / 40× mode)		Approx. 30 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)
Slide loader		Up to 20 slides
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-2)
Power supply		AC 100 V to AC 240 V
Power consumption (Scanner only)		Approx. 150 VA

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

Option

● Adapter on SAKURA basket for S20   A16696-02

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