**Europe Only** **RUO model**

# NanoZoomer® S360

Digital slide scanner C13220-04

The latest high-throughput model, ideal for uses in pharmaceutical companies and academic research.

**High-throughput** scanning
More than 82 slides/h (40× mode)

**Low-operational workload**
Automated assistant of image quality check

**High-capacity** scanning
360 slides in one batch

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# High-throughput scanning of tissue slides with low operational workload

## High-throughput and high-capacity scanning

**By improving scan speed as well as other processes such as slide loading and data transfer.**

**High-throughput of 82 slides/h!**

The drastic improvement of the scan speed, one half of conventional models, realizes throughput of 82 slides/hour for both 20× and 40× mode.

High-throughput

**82** slides/h

(40× mode)

**Automatic scan up to 360 slides!**

Up to 30 tissue slides are mounted in a cassette, and up to 12 cassettes are mounted in a system. Total 360 slides are automatically scanned once you started.

Automatic scanning

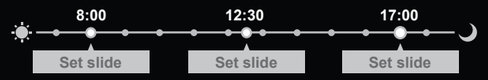
**360** slides

Daily yield of scans

**1080** slides

**Three runs of batches a day!**

4.5 hours scanning time of 360 slides enable to start three batches within working hour.




### More productive and convenient

**Scan process monitoring**

Users can check progress of slide scans. Display panel shows status of each cassette as "Waiting for scan", "Scanning" and "Scan completed".


**Cassette based management of slide scan mode**

Slide scan mode is independently manageable for each cassette labeled with a unique barcode. It is useful when different kind of tissues or stains included in one batch of scan.

Barcode management for each cassette

*The NanoZoomer S360 is designed for use with a dedicated cart. Images above shown without the dedicated cart.

## Automated assistant of image quality check

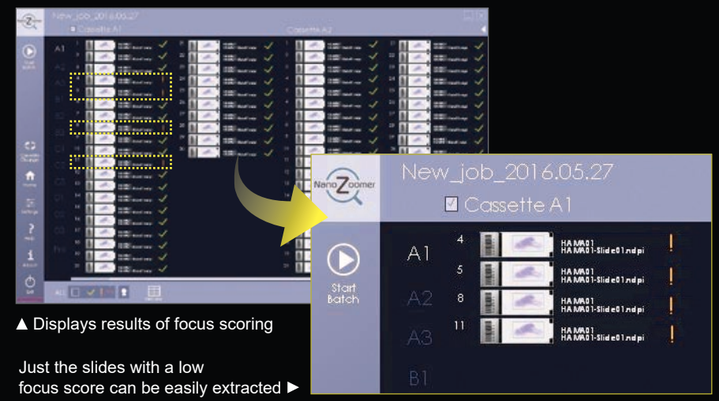
**Greatly simplified image quality check process with automated focus evaluation.**

# Reduces the workload

of checking image quality

**Easy identification of slides that need to be visually checked and rescanned!**

Focus quality of scanned images are scored, and it is presented on a display monitor. Users can identify slides need to be visually checked, then define slides need to be rescanned. This process improve scanning efficiency and greatly reduces operational workload.

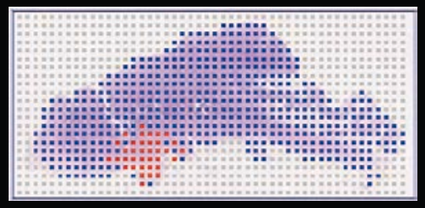



▲ Displays results of focus scoring

Just the slides with a low focus score can be easily extracted ►

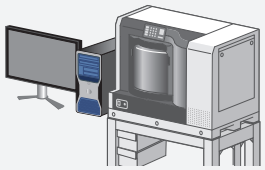
**Easy identification of areas in a slide that need to be visually checked!**

The focus pass/fail results are superimposed and displayed over entire tissue on a slide, and users can easily identify areas that need to be checked.



◄ Blue colored: in-focus area
Red colored: out-of-focus area

## System configuration



NanoZoomer S360
Digital slide scanner
C13220-04

NZAcquire
Image acquisition software
U14297-01

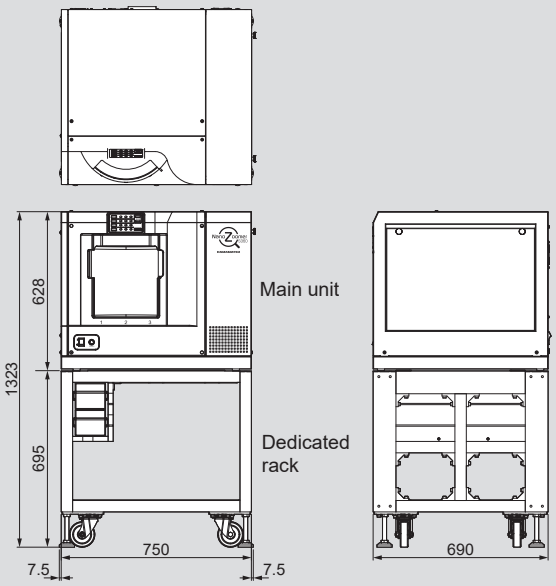
NDP®.view2
Image viewing software
U12388-01

### Option software

- NDP.view2 Plus
  Image viewing software
- NZConnect Serve Basic
  Web slide server software
- Barcode option
  Data matrix for NZAcquire

## Dimensional outlines (Unit: mm)

● Weight
Main unit: Approx. 117 kg
Dedicated rack: Approx. 78 kg




* Excluding leveling feet.

## Specifications

| Product name | | NanoZoomer S360 |
|---|---|---|
| Product number | | C13220-04 |
| Scanning speed | 20× mode (15 mm×15 mm) | Approx. 30 s |
| | 40× mode (15 mm×15 mm) | Approx. 30 s |
| Throughput | 20× mode (15 mm×15 mm) | More than 82 slides/h*1 |
| | 40× mode (15 mm×15 mm) | More than 82 slides/h*1 |
| Objective lens | | 20× NA 0.75<br>User can select 20× or 40× mode at start of scanning |
| Compatible glass slide | | 26 mm×76 mm<br>(Thickness 0.9 mm to 1.2 mm) |
| Slide loader | Standard size slide | 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 function | | Included |
| Image compression | | JPEG compression |
| Power supply | | AC 100 V to AC 240 V |
| Power consumption (Scanner only) | | Approx. 200 VA |

*1 For the case of 5 focus points




**HAMAMATSU PHOTONICS K.K.**

Visit our website for product and contact information.
**www.hamamatsu.com**

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