



Whole slide imaging with high resolution

NanoZoomer[®] S60

Digital slide scanner C13210-01

“Fluorescence imaging of whole tissue
with high speed scanning”

Brightfield / Fluorescence imaging

High speed fluorescence scanning

Handling of double size slides

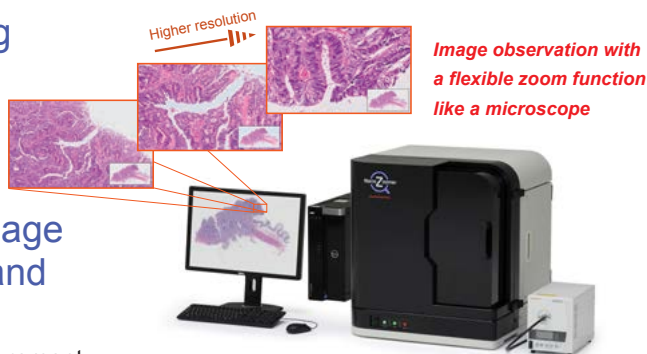


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FEATURES

Capable of brightfield / fluorescence imaging

The NanoZoomer S60 supports both brightfield and fluorescence imaging. Brightfield and fluorescence images of whole tissues can be superimposed and viewed.



Scanning and capturing the fluorescence image of whole tissue with high speed, sensitivity and image quality

The NanoZoomer S60 uses an sCMOS camera for scientific measurement to capture precise fluorescence images, resulting in improved image quality with high sensitivity and shorter scanning time compared to the conventional NanoZoomer series.

* Additional accessories L13820-01, L13820-02, and L13820-03 are required for fluorescence scanning.

Handling of double size slides

Supports up to 30 double size slides or up to 60 standard size slides. Both slide sizes can be accommodated in a single scanning session.

SPECIFICATIONS

| | | |
|-------------------------|--------------------------|---|
| Product name | | NanoZoomer S60 |
| Type number | | C13210-01 |
| Scanning speed *1 | 20× mode (15 mm × 15 mm) | Approx. 60 s |
| | 40× mode (15 mm × 15 mm) | Approx. 150 s |
| Objective lens | | 20× (N.A. 0.75) |
| Compatible glass slides | | 26 mm × 76 mm (thickness from 0.9 mm to 1.2 mm) 52 mm × 76 mm (thickness from 0.9 mm to 1.2 mm) (option) |
| Slide loader | | Max. 60 slides (20 slides of standard size × 3 cassettes) Max. 30 slides (10 slides of double size × 3 cassettes) (option) |
| Scanning resolution | 20× mode | 0.46 μm/pixel |
| | 40× mode | 0.23 μm/pixel |
| Focusing method | | Pre-focus map |
| Z-stack feature | | Yes |
| Power supply | | AC 100 V to AC 240 V, 50 Hz/ 60 Hz |
| Power consumption | | Approx. 225 VA |

*1 indicates the scanning time for a single slide.

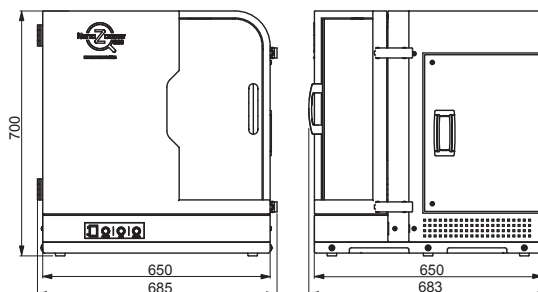
OPTIONS

| Fluorescence imaging module | Detector | sCMOS |
|-------------------------------------|--|----------------------|
| L13820-01 | Number of filter cubes installed | 3 |
| Filter wheel L13820-02 | Number of filters installed (Excitation) | 6 (Φ 25 mm) |
| | Number of filters installed (Emission) | 6 (Φ 32 mm) |
| FL-illumination lamp unit L13820-03 | Light source | FL-illumination lamp |

DIMENSIONAL OUTLINES

(Unit: mm)

□ NanoZoomer S60 C13201-01
Approx. 79.1 kg (without options)



FL-illumination lamp unit L13820-03 specification

| | |
|---------------------|--------------------------------------|
| Dimensional outline | 180 mm (W) × 299 mm (D) × 227 mm (H) |
| Weight | Approx. 6.8 kg |
| Power consumption | 300 VA |

* In EU, four types of NanoZoomer (NanoZoomer-XR, NanoZoomer-SQ, NanoZoomer S210, NanoZoomer S60) and NDP.serve3 software are CE marked under EU's In Vitro Diagnostics Directive (IVDD) for in vitro diagnostic use.

In China, three types of NanoZoomer (NanoZoomer 2.0-HT, NanoZoomer2.0-RS, NanoZoomer-XR) are registered for in vitro diagnostic use.

In the US, Japan and other countries, NanoZoomer is for research use only.

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• Specifications and external appearance are subject to change without notice.

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