



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

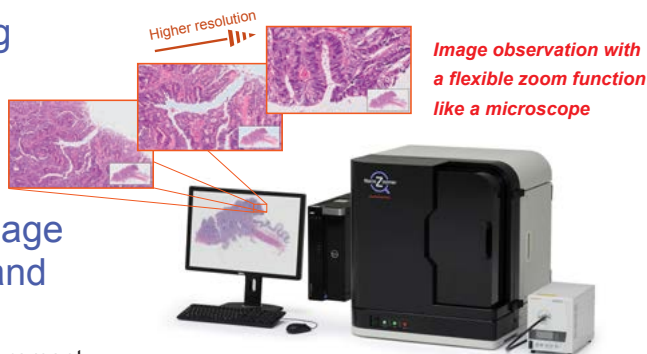


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FEATURES

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

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

* In the EU, four types of NanoZoomer (NanoZoomer-XR, NanoZoomer-SQ, NanoZoomer-XR for large slide, NanoZoomer S210) 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, NanoZoomer 2.0-RS, NanoZoomer-XR) are registered for in vitro diagnostic use.

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

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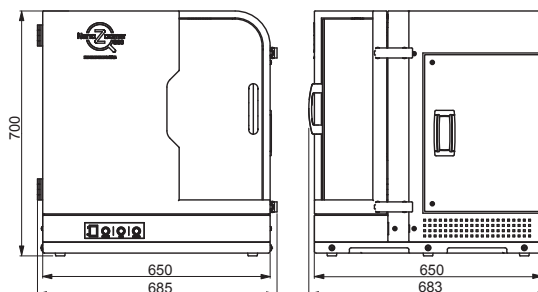
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DIMENSIONAL OUTLINES

(Unit: mm)

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



* Dedicated rack is optionally available for use with C13201-01.

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

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