

NanoZoomer Whole Slide Scanner: When scanning for flexibility



Introducing the new NanoZoomer S60 - delivering the perfect combination of flexibility, excellent image quality and high-speed scanning.

■ **Capable of brightfield / fluorescence imaging**

Brightfield and fluorescence images of whole tissues can be superimposed and viewed.

■ **Scan and image whole slides with high speed, sensitivity and image quality**

Incorporates a Hamamatsu sCMOS camera to capture precise fluorescence images, resulting in improved image quality with high sensitivity and shorter scanning time compared to the conventional NanoZoomer series.

■ **Handling of double-sized slides**

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

A decade strong and still innovating

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Features of the NanoZoomer S60



- Maximum flexibility: scan both brightfield and fluorescence, scan both single and double format slides.
- High sensitivity and performance in fluorescence due to a new fluorescence camera (sCMOS).
- High image quality and reliability both in brightfield and fluorescence due to loader, sensor and optics.
- Medium capacity (60 slides) and compact size (68 x 68 x 70 cm)
- Medium to high throughput due to high scanning speed (approx. 60 sec for 15 x 15 mm)

Fluorescence imaging module

Digitization of fluorescence samples enables long-term observation without the worry of fading, discoloration or photobleaching.

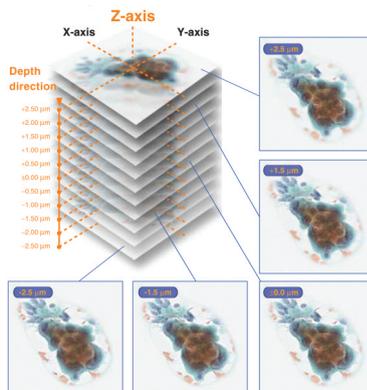


The fluorescence imaging module combined with the NanoZoomer series, are able to scan the entire image of fluorescence stained samples at high-speed and high-resolution. In addition it incorporates a light source optimized for fluorescence microscopes that features high power, high stability and long service life.

Z-stack feature

There are samples which have 3D structures such as clumps of cells and thick tissues. They require focus adjustment during observation. To handle these types of slides, the NanoZoomer series is equipped with the Z-stack feature that allows you to focus on different depths in the sample.

The NDP.view2 viewer software lets you adjust the focus on a Z-stack slide much like you would adjust the focus of a microscope. You can also point to an area of interest and let NDP.view2 apply autofocus for maximum clarity.



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