

# Multichannel and Multicolor Fluorescence Module for Tissue Imaging with High-Power and Long-Life Light Source

NanoZoomer® 2.0 series

## Fluorescence Imaging Module L11600/L10387-03



Feature

1

### Multiple Fluorescence Imaging of entire tissue samples (L11600)

The combination of L11600 and NanoZoomer 2.0 series converts glass slides stained with multiple fluorescence labels such as Qdots, fluorochromes, and fluorescent proteins into digital slides. New excitation and fluorescence filter wheels can hold 6 filters each, and they enable acquisition of single or multiple fluorescence images sequentially. Images including fluorescence and bright field can be superimposed and displayed for reviewing the tissue samples.

Automated filter wheels enable acquisition of multiple fluorescence images sequentially, in addition to the original images of bright field and multicolor fluorescence.



Fluorescence and bright field images can be superimposed.

Feature

2

Newly designed fluorescence excitation light source LX2000 realizes high power and long life. It does not require optical alignment even when a lamp is replaced.

High Power 200 W

Long Life 2000 h typ.

No Optical  
Alignment Necessary



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# Rapid and High-Fidelity Imaging of Fluorescence-Labeled Tissue Microarrays

Photo courtesy of the Chemotherapy Division and Pathology Division of National Cancer Center Research Institute Japan.

## Advantage of Fluorescence Digital Slides

Converting a fluorescence glass slide to a digital slide allows you to observe any location at any magnification without worrying about photobleaching of the sample.

### Comparison of multilabeled fluorescence and bright field images of tissue and TMA slides

The combination of L11600 and NanoZoomer 2.0 series allows you to acquire multiple fluorescence label images as well as bright field images such as H&E and DAB. The images can be superimposed or individually displayed on a display monitor, and you can compare localization and quantity of targets from macroview to microdetails. Furthermore the images can be used as data for image analysis.

### Fluorescence tissue slide database

You can use the optional NDP.serve (slide distribution and management software) to create a database of digital slides and to share the slides through an intranet or the Internet to make slides available anytime and anywhere as needed.

## Product lineup

Type number	Description	Corresponding model
L11600-21	1 cube holder, 6 Ex filter changer, 6 Em filter changer and LX2000 light source	NanoZoomer 2.0-HT
L11600-22	2 cube changer, 6 Ex filter changer, 6 Em filter changer and LX2000 light source	NanoZoomer 2.0-RS
L10387-03	1 cube holder and LX2000 light source	NanoZoomer 2.0-HT/NanoZoomer 2.0-RS

\* The NanoZoomer 2.0 series as medical devices may be subject to government regulations where they are used. Hamamatsu makes no representation with regard to the conformity of these products to these regulations. Please consult your local Hamamatsu representative for more information.

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