

VIVASCOPE 2500

ex-vivo confocal imaging

VIVASCOPE 2500



Fresh specimen imaging

The VIVASCOPE® 2500 is a confocal microscope specially designed for imaging fresh, needle aspirated, or fixed specimens in reflectance (phase contrast) mode or in fluorescence mode for specimens stained with fluorochromes. Specimens can be examined in near real-time without time consuming processing procedures. The VivaScope 2500 is used by physicians and other licensed healthcare professionals to view enlarged images of specimens during pathological examinations.

Benefits

- Specimen preparation in minutes
- High-resolution images in near real-time
- Image can be magnified and panned

Features

Two lasers:

- 488 nm (blue)
- 785 nm (infrared)

Filter sets for fluorescent dyes including:

- Acridine orange
- Fluorescein
- Indocyanine green

Digital macro camera:

- Offers high-resolution photo of specimen
- Correlates to confocal image for navigation
- Simplifies selection of imaged area

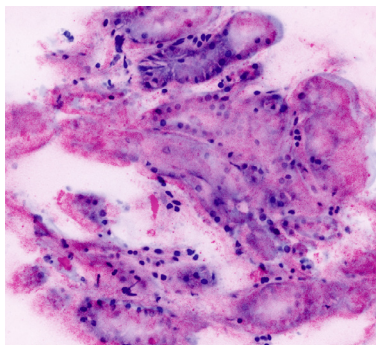


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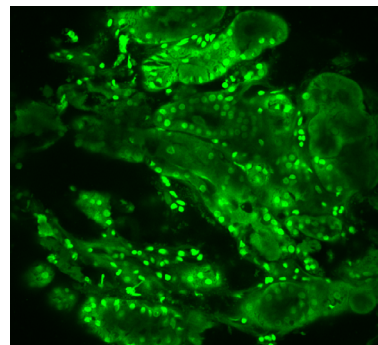
Technical Data

Optical Section Thickness	<4 μ m
Single Field of View Size	550 μ m x 550 μ m
Image Resolution	1024 x 1024 pixels (single field of view)
Maximum Sample Size	20 mm x 20 mm
Operating Wavelengths	488 & 785 nm
Objective	0.9 NA Water Immersion Lens
Regulatory Certifications and Standards	FDA Class 1 Medical Device IEC 61010-1: 2010 IEC 61326: 2013 IEC 60825-1: 2014
Laser Classification	CDRH Class I IEC Class 1
Dimensions LxWxH	Scan Head Only 25x52.5x25 cm
Weight	17.2 kg
Power Source	100-120 V~, 50-60Hz 220-240 V~, 50-60Hz
Operating Humidity	Non-condensing

Technical Specifications are subject to change without notice.



Pseudocolored



Fluorescence and Reflectance Blend