

The Pathology Company

Leica

BIO SYSTEMS

Aperio VERSA

Flexible brightfield, fluorescent and FISH scanner



Research Use Only

Aperio[®]
ePathology Solutions

Capture



Integrate



Analyze



Collaborate



The versatile scanning platform for every Pathology slide in your laboratory

Complex research underpins innovation in treatments to overcome disease. The Aperio VERSA is a robust, versatile digital pathology scanner with superior image quality and single click operation. Designed for the most demanding research facilities, the Aperio VERSA incorporates brightfield, fluorescent and FISH whole slide imaging in a single system, providing optimal resolution for investigation of every slide in your facility. Comprehensive functionality and flexibility are perfectly balanced with an intuitive interface and ease-of-use. The Aperio VERSA brings the power and the usability required to deliver results.



Aperio VERSA

Fast, flexible and easy-to-use, the Aperio VERSA Slide Scanner consistently delivers clear, crisp, high resolution, digital pathology slides.

- » Dedicated RGB and monochrome cameras for optimal brightfield and fluorescent scanning
- » System scalability from 8 slide stage to 200 slide autoloader
- » Batch set-up and automation facilitates unsupervised scanning
- » Advanced tissue detection for faint for lightly stained brightfield and fluorescent samples
- » z-stack capture for thick samples
- » Automated oiler for 40x or 63x magnification oil scans
- » Intuitive interface enables widespread usage and adoption
- » 2-D scanning technology, ideal for co-localization studies
- » Dedicated workstation or networked deployment options
- » Broad range of compatible image analysis solutions

IMAGE QUALITY

Rapidly scan slides from low magnification to high resolution oil-immersion scanning. With Leica objectives, optimal light paths, and purpose-specific detection, the Aperio VERSA provides unparalleled image clarity.

SYSTEM VERSATILITY

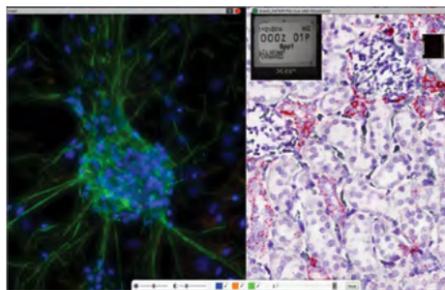
Options for brightfield, fluorescence or FISH scanning are coupled with on-site scalability from low to high capacity. The Aperio VERSA scanner provides deployment flexibility to compliment your research.

EASY-TO-USE

Intuitive design and intelligent automation enables anyone to produce digital slides within minutes. The Aperio VERSA is ideal for any research environment with dynamic projects and personnel.



Building on over 150 years of optical excellence



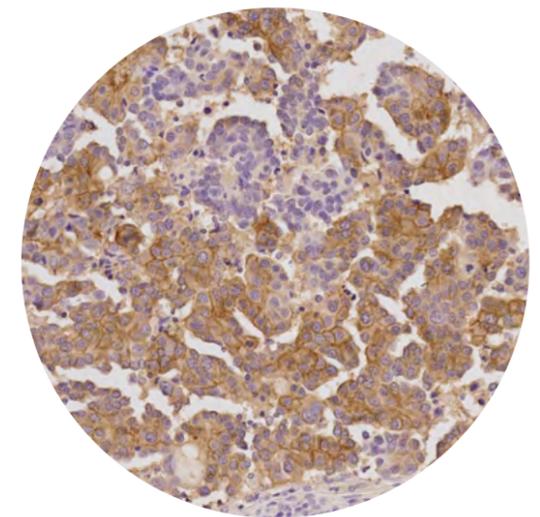
Providing high quality slides for manual or automated analysis



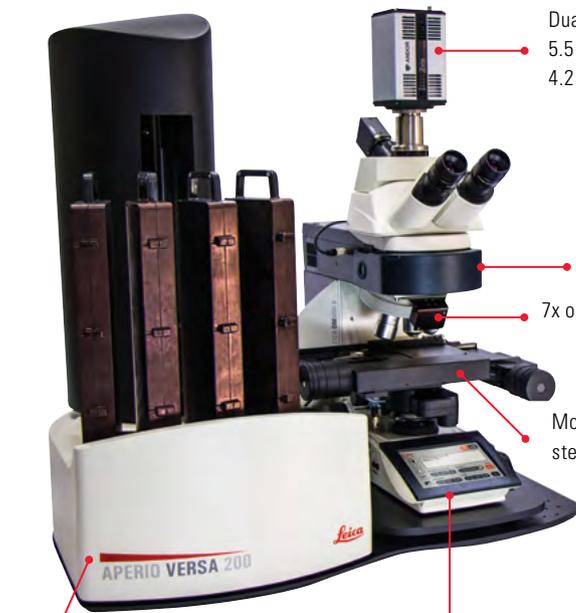
Remote web-based access to images via Aperio eSlide Manager

Key Applications and Techniques

- » Biomarker expression studies
- » TMA based projects
- » Toxicology
- » Alzheimer's research
- » Neurotrauma investigations
- » Allographs and Zenographs studies
- » IHC
- » FISH
- » CISH
- » Immunofluorescence
- » H&E
- » Special Stains



Aperio VERSA



Dual Cameras with motorized changer
5.5 MP Monochrome for fluorescence,
4.2 MP color for brightfield

8x filter cube turret

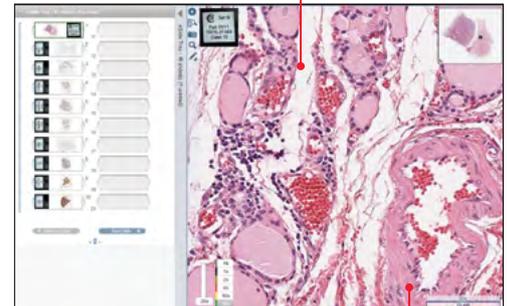
7x objective lens positions

Motorized encoded stage with sub 0.1 μM
step size and $\pm 0.3 \mu\text{M}$ accuracy

Leica DM6000 B microscope
Motorized z-focus, nosepiece,
filters & transmitted light axis

Field-upgrade from
8-slide to 200-slide
capacity

Slides available for local view & analysis
or remotely via Aperio eSlide Manager



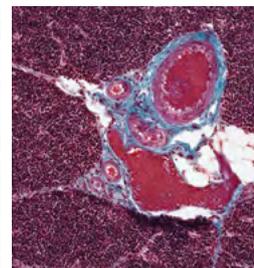
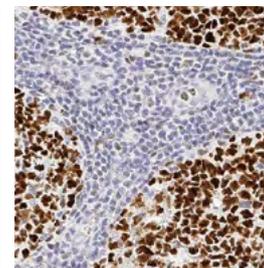
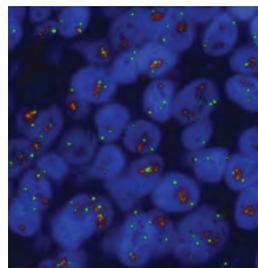
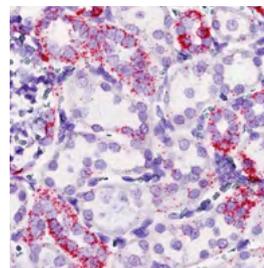
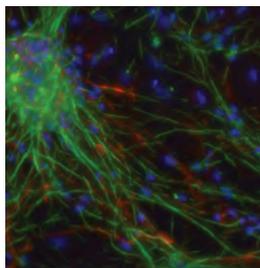
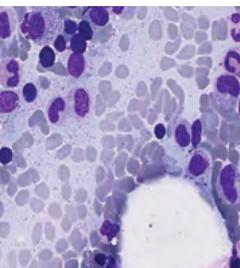
Resolution of
20x: 0.32 $\mu\text{M}/\text{pixel}$
40x: 0.16 $\mu\text{M}/\text{pixel}$
63x: 0.10 $\mu\text{M}/\text{pixel}$

Aperio VERSA Validated Objectives

- HC PL FLUOTAR: 1.25x, 5x, 10x, 20x, 40x, 63x (oil), 63x (dry)
- HC PLAN APO: 20x, 40x (dry), 40x (oil)

Dimensions (HxWxD)

8 Slide Capacity	200 Slide Capacity
68x34x59 cm	68x68x59 cm
Weight: 26.2 KG	57.7 KG



LEICA BIOSYSTEMS

Leica Biosystems is a global leader in workflow solutions and automation, striving to advance cancer diagnostics to improve patients' lives. Leica Biosystems provides anatomic pathology laboratories and researchers a comprehensive product range for each step in the pathology process, from sample preparation and staining to imaging and reporting. Leica's easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries and is headquartered in Nussloch, Germany.

Leica Biosystems – an international company with a strong network of worldwide customer services. For detailed contact information on your nearest sales office or distributor please visit our website: LeicaBiosystems.com

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