Leica
BIOSYSTEMS

# Aperio VERSA

## Flexible brightfield, fluorescent and FISH scanner


**For Research Use Only. Not for Use in Diagnostic procedures.**

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.

## 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.

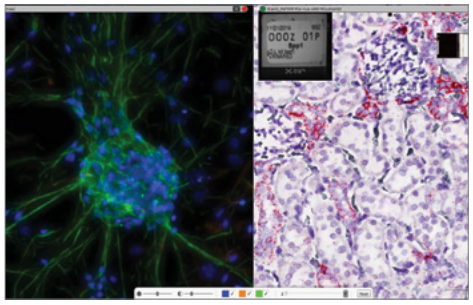
## SYSTEM VERSATILITY

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

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# Aperio VERSA

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

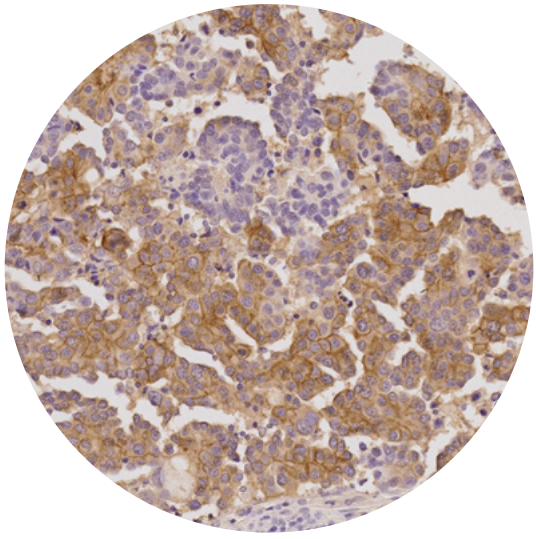
- Dedicated RGB and monochrome cameras for optimal brightfield and fluorescent scanning
- System scalability from 8 slide stage to 200 slide autoloader
- Batch set-up and automation facilitates unsupervised scanning
- Advanced tissue detection for faint for lightly stained brightfield and fluorescent samples
- Scan slides from 0.9mm to 1.2mm thick[1]
- 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
- Scan 15mmx15mm @20x brightfield in 206 seconds[2]

[1]Aperio VERSA has not been validated for use with bevelled slides.

[2]Stated Brightfield Scanning speeds based on Aperio VERSA configured with optional PL FL 20x lens. Scanning speeds will vary by sample type and number of focus points needed to produce acceptable image quality, as determined by the user.

# Key Applications and Techniques

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



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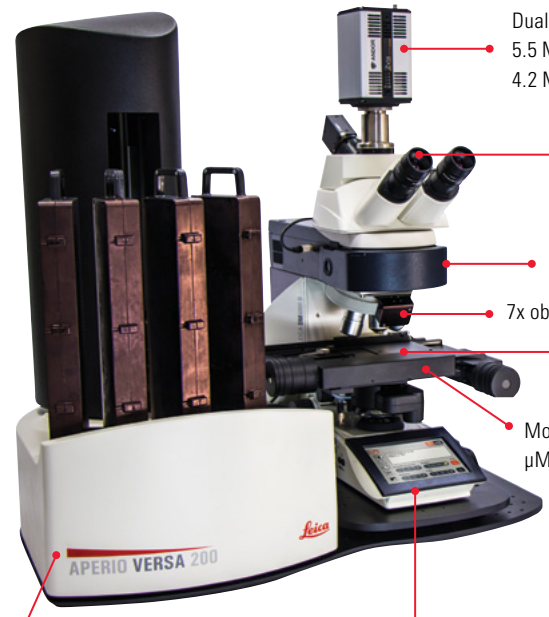
# Aperio VERSA




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

Scan slides from 0.9mm to 1.2mm thick[1]

8x filter cube turret

7x objective lens positions

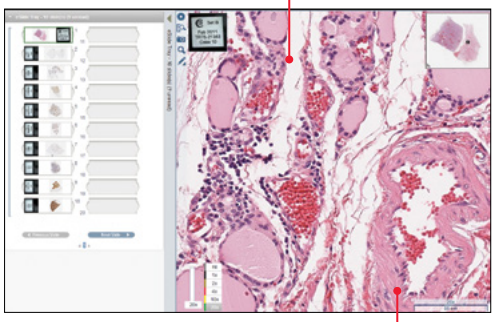
Scan 15mmx15mm @20x brightfield in 206 seconds[2]

Motorized encoded stage with sub 0.1 µM step size and +/- 0.3 µM accuracy

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

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

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



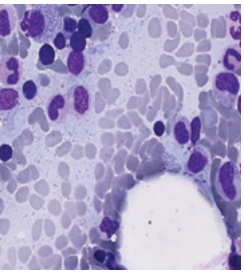
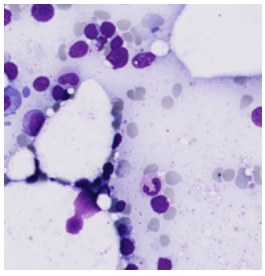
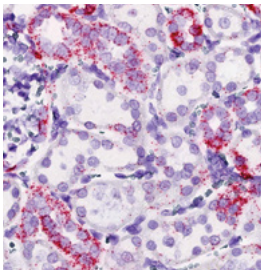
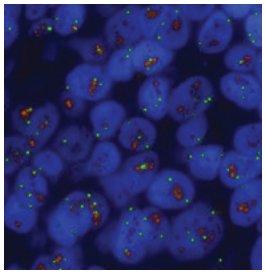
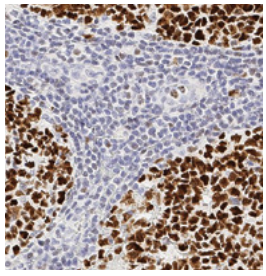
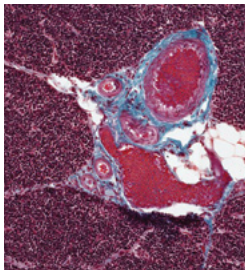
Resolution of
20x: 0.32 µM/pixel
40x: 0.16 µM/pixel
63x: 0.10 µM/pixel

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 |

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