

*Leica*

BIOSYSTEMS

# Aperio CS2

Highly Reliable, Desktop Digital Pathology Scanner



**For Research Use Only. Not for use in diagnostic procedures.**

**Aperio**  
ePathology Solutions

Capture



Integrate



Analyze



Collaborate



# Quickly and Reliably Scan, Digitize and Share Whole Slide Images

Produce high-quality digital slides right from your desktop with the ultra-compact Aperio CS2 digital pathology scanner. With a five-slide capacity and high resolution magnification capabilities, including 20x and 40x the Aperio CS2 is a highly reliable workhorse for medium-volume sites. The intuitive interface and easy-to-use design consistently provides rapid creation of high resolution digital slides, with >98% first time scan success rate.



## Aperio CS2 Scanner

Reliable, easy-to-use, and compact; spend less time learning how to use the Aperio CS2 and more time improving productivity.

- » Easily load 5-slide tray and scan slides automatically for Brightfield applications
- » Complete an eSlide capture in minutes, then view anytime, anywhere without waiting for post-scan image processing
- » Receive better first time success rates with fewer rescans
- » Benefit from the advanced small footprint by creating high quality eSlides within limited space
- » Reduce turnaround time for access to critical results
- » Slide tray eliminates contact with delicate glass slides and remains horizontal at all times

### HIGH QUALITY IMAGES

The Aperio CS2 provides rapid and seamless creation of whole slide, digital slides yielding high scan quality and resolution – occupying only 1.6 square feet of bench-top space.

### SHORT TIME-TO-VIEW

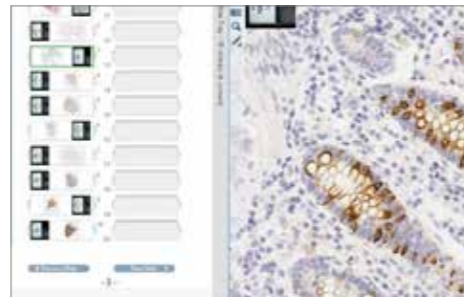
With a fast 1GB/second network interface, and real-time image compression, the Aperio CS2 scans and moves images in record time for remote review. Digital slides are ready for review in the Aperio eSlide tray in 90 seconds.<sup>1</sup>

### SHARE ANYTIME, ANYWHERE

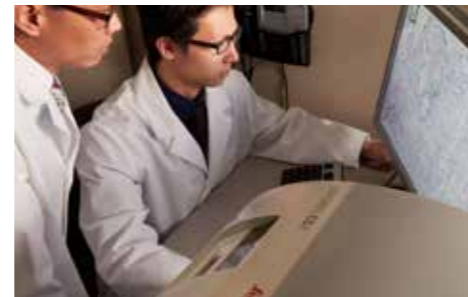
The ideal tool for creating digital slides that can be rapidly shared with colleagues, whether they are down the hall or across the globe. The Aperio CS2 can help to improve turnaround time on slide review, via remote access and assessment in research applications.



Easily load and scan up to five 1x3 slides



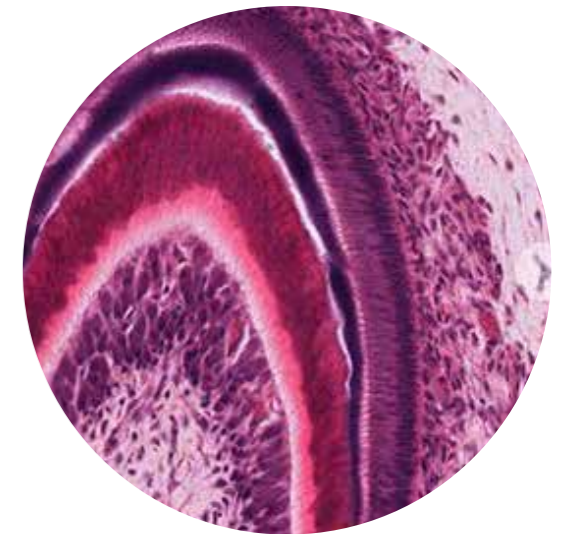
Slides are on the Aperio eSlide tray in <90 seconds



Review difficult cases with peers or collaborate globally

## Key Pathology Applications

- » Image analysis
- » Cancer Research
- » Tissue Microarrays
- » Cell Biology
- » Local and global sharing



1. Based on Aperio CS2 scanning a 15x15mm area at 20x magnification

# Aperio CS2

Scanning method:  
Line scanning  
(US Patent 6,711,283)

Objective lens:  
20x/0.75NA Plan Apo  
(40x scanning with 2x  
optical mag changer)

Scan Success Rate:  
> 98% 1st time

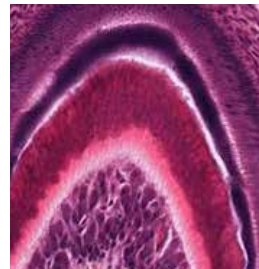
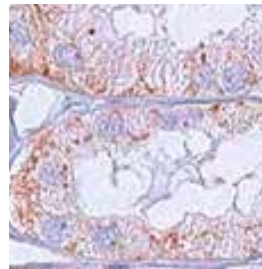
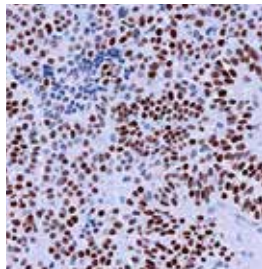
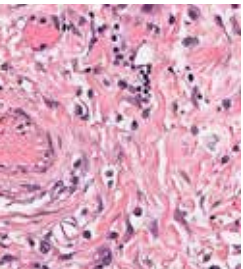
Dimensions (HxWxD):  
12.5 x 19 x 20.5 (inches)  
(318 x 465 x 502mm)  
Weight: 55lbs. (25kg)

1 – 5 slide  
auto-loader

eSlides ready to use  
90 seconds or less



Resolution of  
20x: 0.50µM/pixel  
40x: 0.25µM/pixel



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