

Leica

BIOSYSTEMS

Aperio AT2

Fast, High Capacity Digital Pathology Scanner



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

Aperio
ePathology Solutions

Capture



Integrate



Analyze



Collaborate



High Throughput, Speed and Quality Digital Pathology Solutions

The Aperio AT2 is the most compact, highest capacity, brightfield Digital Pathology scanner available. Designed to fit into the smallest of laboratory spaces with an autoloader capacity for up to 400 slides, the Aperio AT2 minimizes glass movement and manipulation, keeping your slides safe and delivering the superior image quality you have come to expect. With its unparalleled time-to-view speed and high quality digital slides, the Aperio AT2 has redefined the standards in Digital Pathology.



Aperio AT2 Scanner

Fast, flexible and reliable, the Aperio AT2, with patented scanning technology, is easy-to-use and consistently delivers high resolution, high quality images.

- » Z-stacking with up to 25 layers
- » Easily load and capture images of an entire carousel in less than 8 hours
- » Sustained high throughput rate of 50 slides/hr @20x
- » Highly reliable autoloader with 400-slide capacity
- » Smaller file size and faster scanning with skip blank stripes technology
- » Horizontal position minimizes risk of coverslips falling off
- » Better first time success rates with fewer rescans
- » Quiet, with minimal movement of slides in loader
- » Highly published and referenced whole slide scanner

EASY-TO-USE

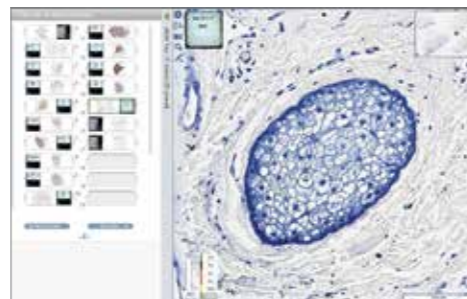
Easily load up to 400 slides. With only **2.8 square feet** of bench top space required, there's no need to compromise throughput for size



Easy to load slide racks for up to 400 slides

FAST SPEED-TO-VIEW

The Aperio AT2 scans and moves the images in record time with eSlides ready in **60 seconds¹** or less for remote pathologist review



eSlides are on the Aperio eSlide tray in less than 60 seconds

QUALITY YOU CAN MEASURE

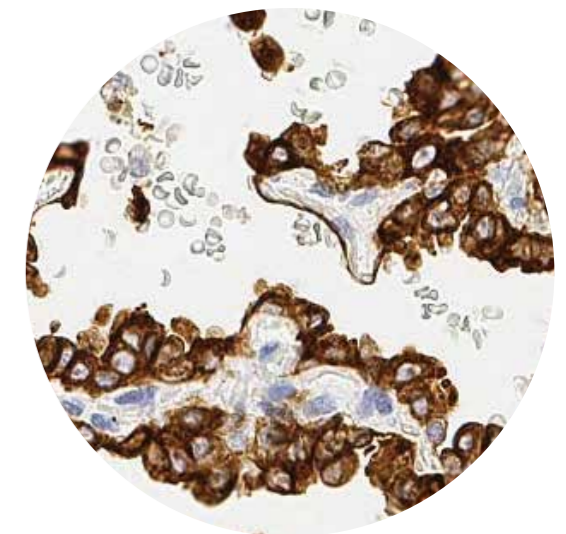
High quality resolution with **>98% first time scan success rate** eliminates unnecessary time spent rescanning slides



Quality images ready for viewing or image analysis

Key Pathology Applications

- » Cancer Research
- » Toxicology
- » Tissue Microarrays
- » Cell Biology
- » Local and global sharing and collaboration



1. Based on Aperio AT2 scanning a 15x15mm area at 20x magnification.

Aperio AT2

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

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

Scan Success Rate:
> 98% 1st time

Throughput:
50 slides/hr. @ 20x
20 slides/hr. @ 40x

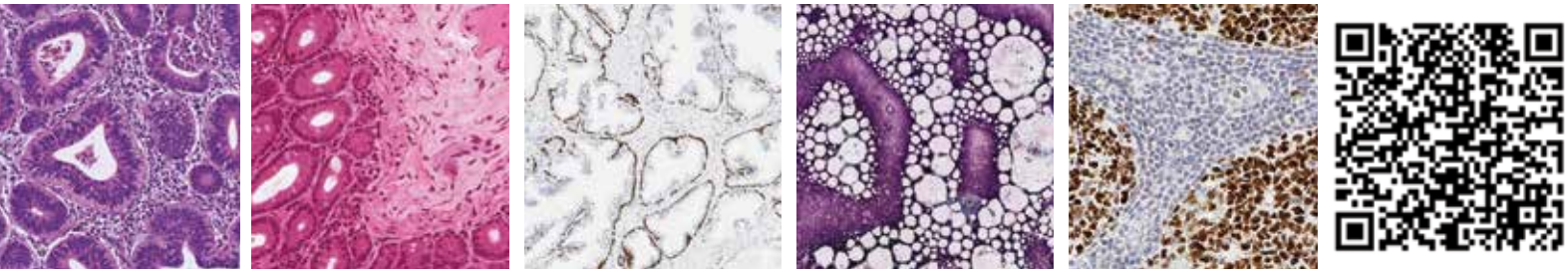
Dimensions (HxWxD):
23.5 x 16 x 25.5 (inches)
59.7 x 40.6 x 64.7 (cm)
Weight: 129 lbs. (58.5kg)

2x3 inch double slides
Urgent slide access

eSlides ready to use
60 seconds* or less

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

Compact 400 slide
capacity autoloader



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