

The Pathology Company

Leica

BIOSYSTEMS

Aperio AT2

Fast, High Capacity Digital Pathology Scanner



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 resolution digital slides, the Aperio AT2 has redefined the standards in Digital Pathology.



Aperio AT2

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

- » 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
- » Most published and referenced whole slide scanner brand in the market¹

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

FAST SPEED-TO-VIEW

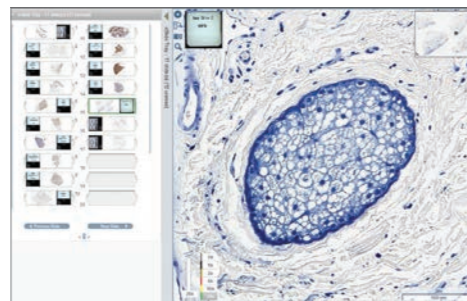
The Aperio AT2 scans and moves the images in record time with eSlides ready in **60 seconds²** or less for remote pathologist review

QUALITY YOU CAN MEASURE

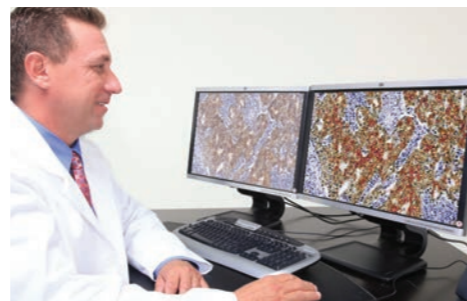
High scan quality and resolution with **>98% first time scan success rate** eliminates unnecessary time spent rescanning slides



Easy to load slide racks for up to 400 slides



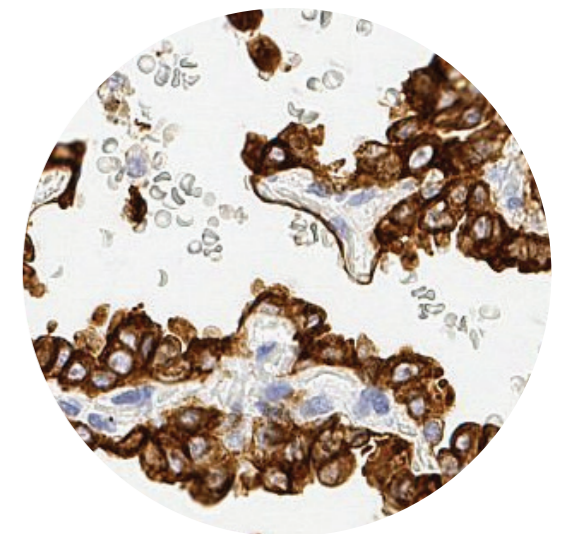
eSlides are on the Aperio eSlide tray in less than 60 seconds



High quality images ready for viewing or image analysis

Key Pathology Applications

- » Cancer research
- » Toxicology
- » Tumor Boards
- » Tissue Microarrays
- » Cell Biology
- » Local and global sharing and collaboration



1. Over 400 articles

2. 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

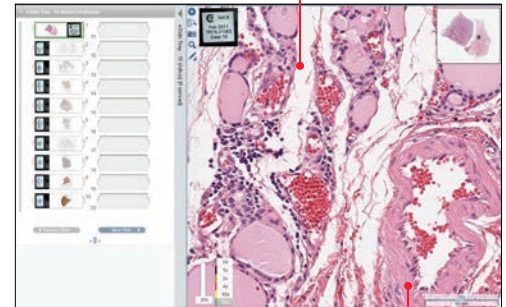
Throughput:
50 slides/hr. @ 20x
20 slides/hr. @ 40x

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

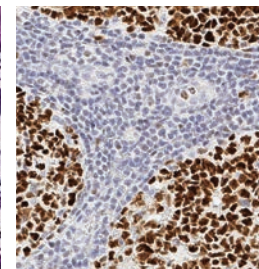
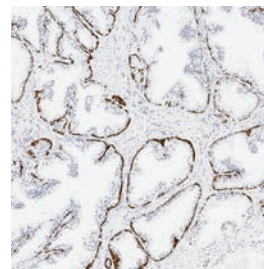
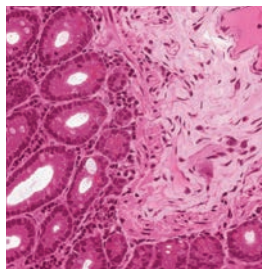
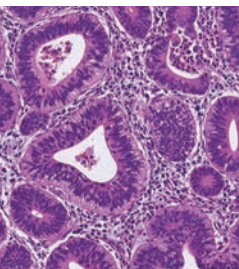
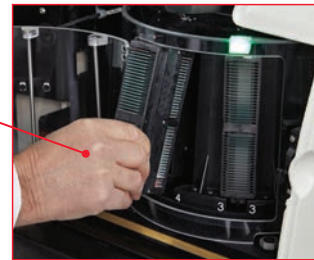
Compact 400 slide
capacity autoloader

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



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

LeicaBiosystems.com/Aperio

Certain products are FDA-cleared and labeled for specific clinical applications. Unless otherwise labeled, all other products are intended to be made commercially available "For Research Use Only. Not for use in diagnostic procedures." For specific product indications and more information please go to: <http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/pmn.cfm>.

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