DIGITAL PATHOLOGY

## APERIO GT 450 SLIDE SCANNER

#### BROCHURE

Fast forward to next generation imaging

Integrating innovation and automation for research labs

For research use only. Not for use in diagnostic procedures.

\*International patent families including patent applications and granted patents.





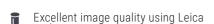


## High resolution Image quality Confident Diagnosis Easter turnaround time Integrated work-flow Craftsmanship State-of-the-art Fast viewing speeds Next generation imaging for Scientists Peace of mind Contrast

Resolution Precision Ease of use DICOM

Designed to rapidly deliver images with excellent image quality for Scientists.





- Automated image quality check and slide calibration during each scan.
- Small footprint, large capacity.
- No-touch continuous rack loading during scanning.

- Assign priority slides.
- Z-Stack Multiplane scanning that produces a composite, 3D image.\*\*
- Automated Narrow Stripe enabling a rescan when the system detects image.









Scan 120,000 slides per year operating the Aperio GT 450 for around 5 hours/day\*.

\*15mm x 15mm scan area @ 40x; assumes 5 hr. scan time per day for 300 work days per year



Aperio GT 450 open face design allows you to continuously load racks while scanning is in progress to maximize productivity.





Featuring automatic image quality control, so you have image quality confidence before your scans reach the Scientist.



Stats page allows you to view slides scanned/day/month/ year, average scan area and average scan speed.



D I G I T A L P A T H O L O G Y

## Fast scans No shipping Confidence

Next generation imaging for Researchers Auto QC Fast-paced First-time scan success Be more productive Be on time Cross-training Easy to use Continuous loading

Designed to deliver rapid results with confidence for researchers.



# Login controls Security Store and forward Easy setup High speed data transfer DICOM or SVS compatible Next generation imaging for IT Professionals Flexibility Large storage Encryption

Designed to deliver fast, secure, and scalable IT architecture for IT Professionals.







**Cyber security** including encryption and login controls.



HL7 and PACS ready, for integration into LIS, LIMS or PACS.



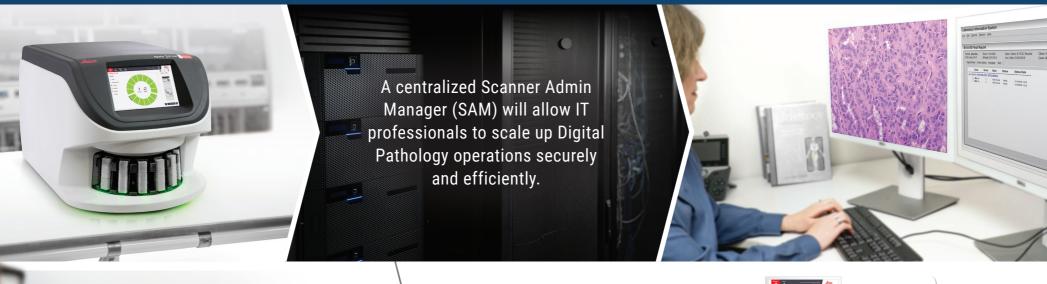
Securely scan slides at a **spoke** location and store images at a **Hub** location for all sites to log in and view images.



Store and forward: store images temporarily then transfer during low IT traffic times.

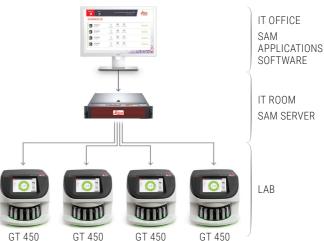


Set up user-specific **log in** for each Aperio GT 450.





No more workstations needed. SAM server and software allow IT managers to set up and monitor GT 450 scanners via the network, including dashboard status views, PIN controls and log out times.

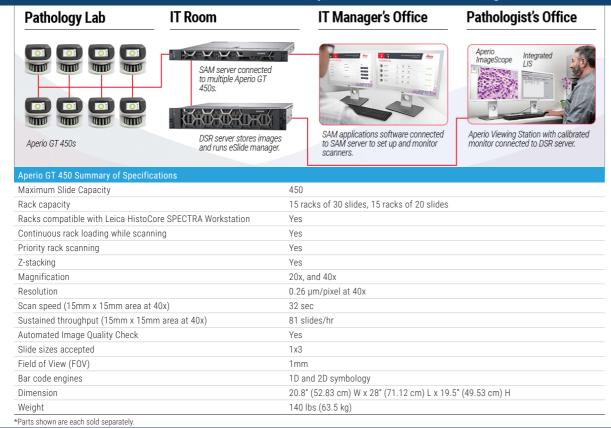


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#### From the lab to the IT room the Aperio GT 450 was designed for Scientists, Researchers, and IT Professionals



\*\*The Aperio GT 450 Release 1.3 consists of three upgrades that improve image quality and flexible scanning solutions in research settings: 20x magnification, Automated Narrow Stripe Scanning, and Z-Stack Scanning.

Part Number	Description
23GT450	Aperio GT 450 Scanner
23GT450SAM	Aperio GT450 Scanner Admin Manager (SAM) Server
23GT450SAMSW	Aperio GT450 Scanner Admin Manager (SAM) Applications Software
23Dell740XD21TB	Dell 740 XD image storage DSR 21 Terabytes
23Dell740XD42TB	Dell 740 XD image storage DSR 42 Terabytes
23Dell740XD85TB	Dell 740 XD image storage DSR 85 Terabytes
23Dell740XD138TB	Dell 740 XD image storage DSR 138 Terabytes
23VS101	Aperio viewing station (includes calibrated monitor, workstation, Aperio ImageScope viewer and optimized ICC file)
23GT450ZSTACKSW	Feature Pack

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