Aperio GT Elite™

SCANNER



TIME IS THE NEW CURRENCY

SPEED + INTELLIGENCE + CERTAINTY

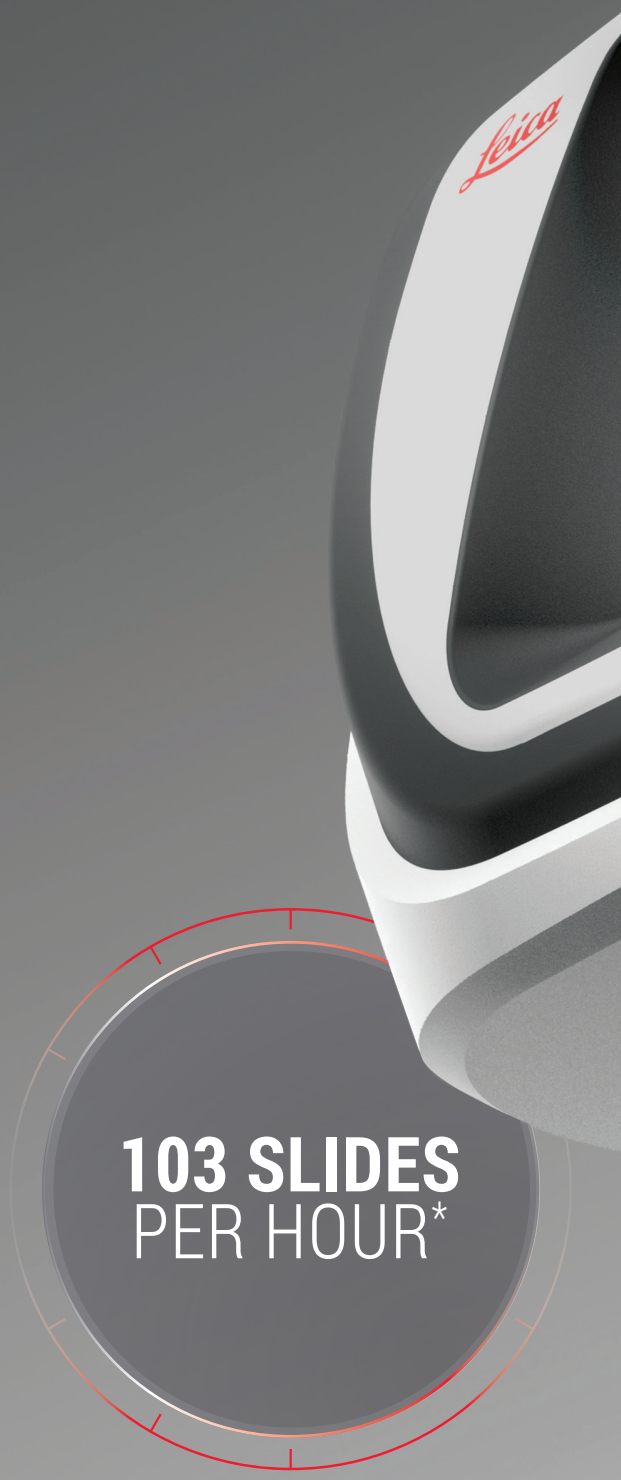
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WHEN TIME DEFINES PERFORMANCE

Modern pathology demands more than speed alone. As workloads grow and expectations rise, performance must be matched with intelligence and certainty.

The Aperio GT Elite™ scanner brings all three together in one system, accelerating throughput while maintaining uncompromising standards, reducing manual touchpoints, and delivering dependable first-pass results that keep your lab moving with confidence at scale.



103 SLIDES
PER HOUR*

*15x15mm tissue at 40x

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HIGH-THROUGHPUT PERFORMANCE



TIME IS THE NEW CURRENCY

In pathology, time is measurable, finite, and critical.

Time lost to rework, interruptions, and manual handling slows operations and limits capacity. When those losses are removed, time is returned with higher throughput, consistent results, and scalable performance.

Aperio GT Elite scanner is built to protect time at every stage of the workflow.

>> Speed increases throughput.
>> Intelligence reduces intervention.
>> Certainty eliminates rework.

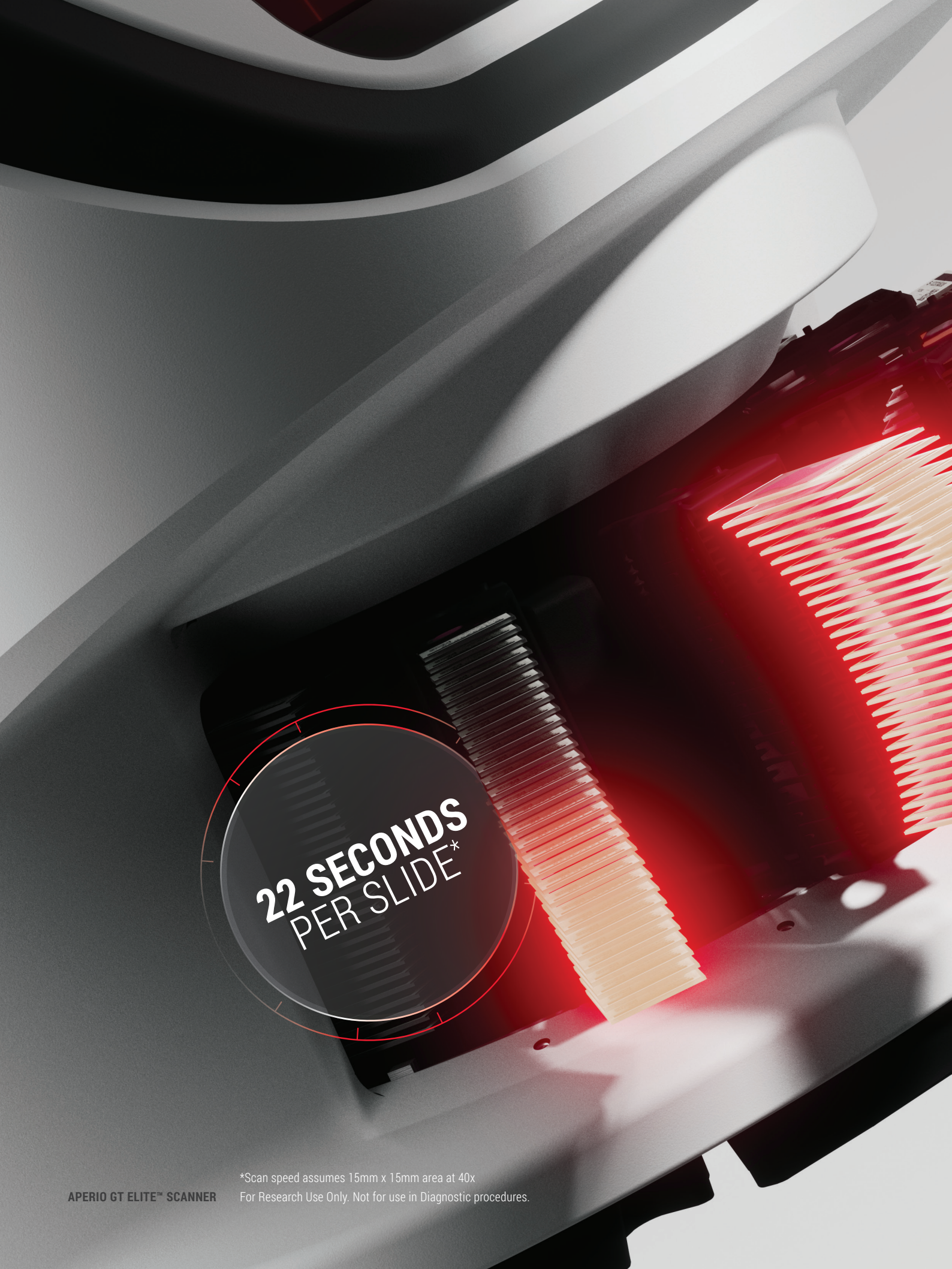
Together, these principles transform time from a constraint into a controlled advantage.

SPEED





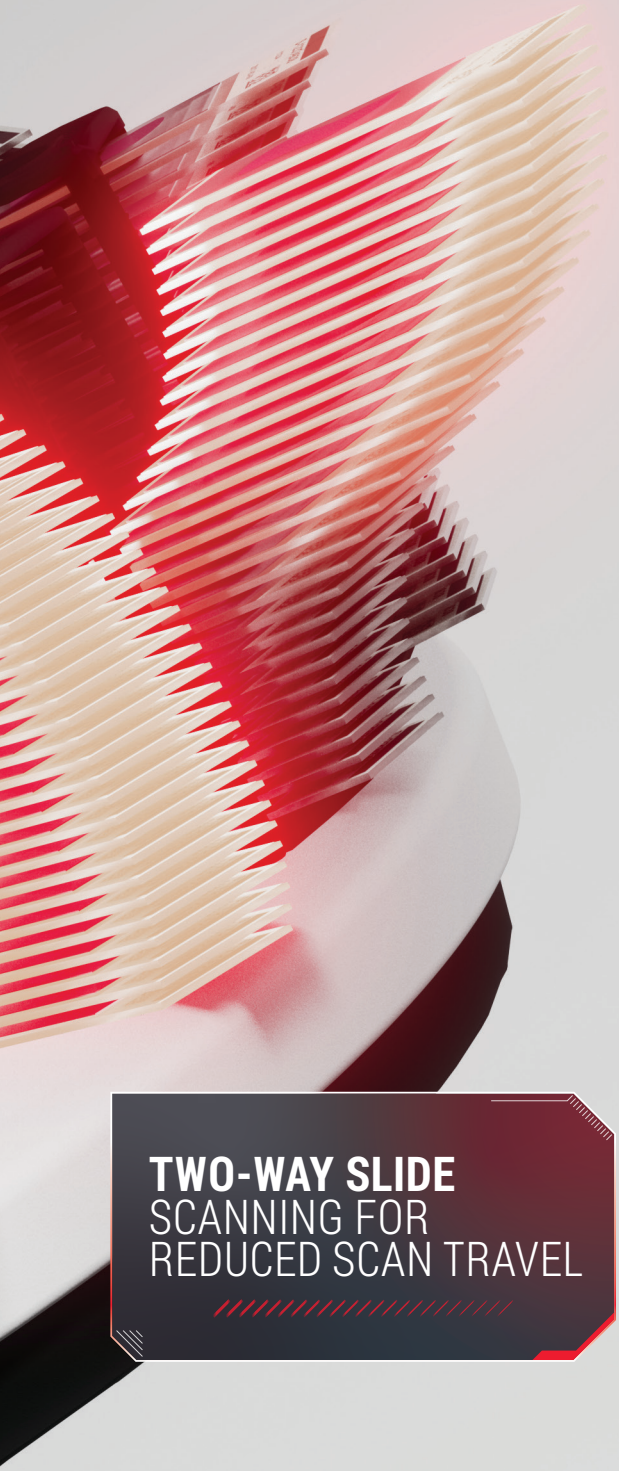
INTELLIGENCE + CERTAINTY



APERIO GT ELITE™ SCANNER

*Scan speed assumes 15mm x 15mm area at 40x

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SPEED IS ONLY VALUABLE WHEN IT CAN BE MAINTAINED

The Aperio GT Elite scanner is designed for high-throughput scanning that holds performance hour after hour.

Optimized mechanics, efficient scan paths, and two-way slide scanning work together to maximize output while delivering exceptional image quality.

The result is consistent momentum across the lab.

>> More slides processed.

>> Less idle time.

>> Predictable performance you can plan around.

Speed that works under pressure.

TRUE INTELLIGENCE SIMPLIFIES YOUR WORKFLOW

The Aperio GT Elite scanner applies true slide level intelligence by automating decisions and eliminating unnecessary manual steps that may slow technicians down.

By internalizing workflow complexity, automatically calibrating each slide, optimizing scan parameters, and maintaining continuous, interruption-free operation, the system reduces opportunities for human error and minimizes hands-on involvement.

>> Less time adjusting settings.

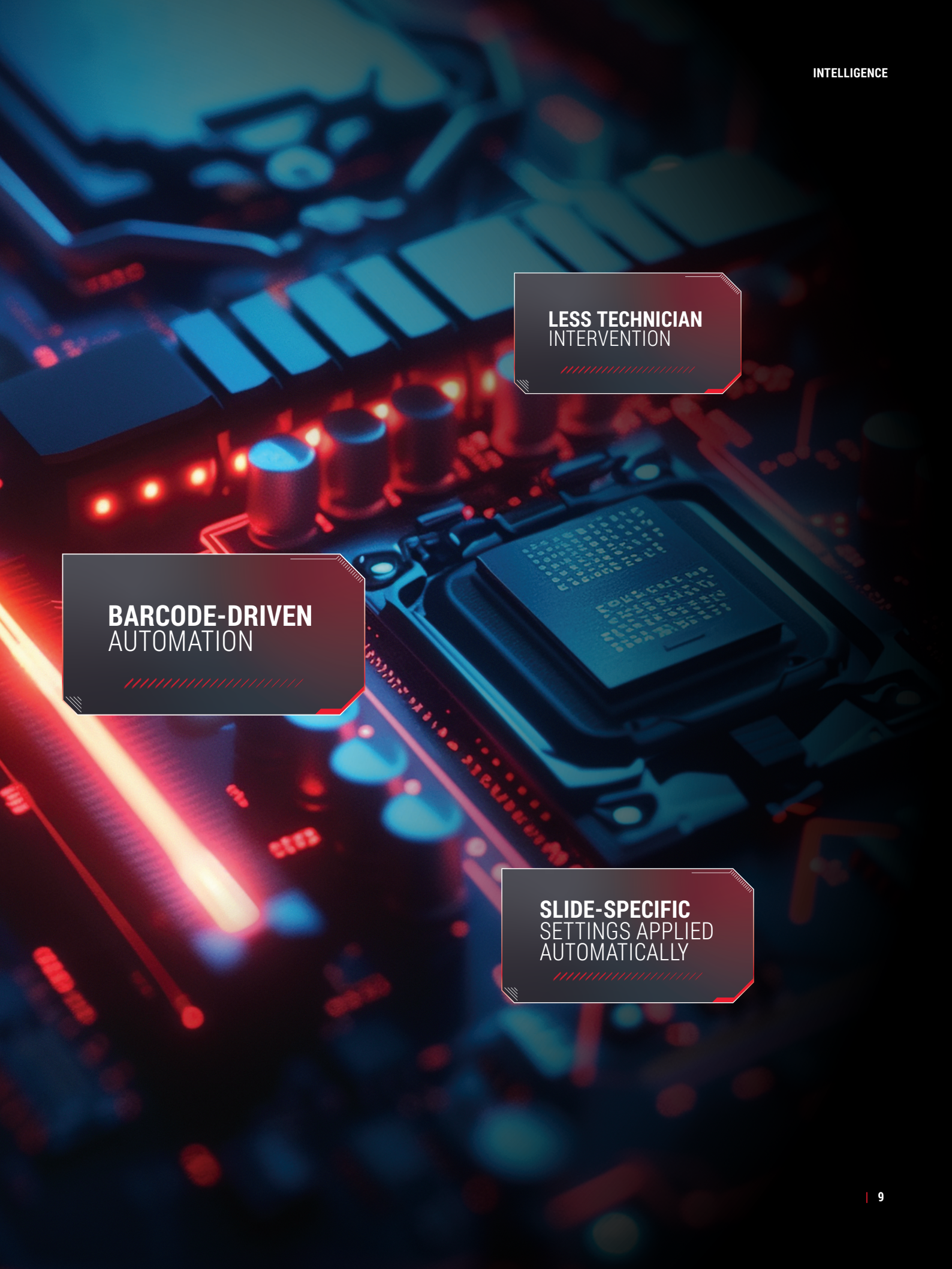
>> Fewer interruptions.

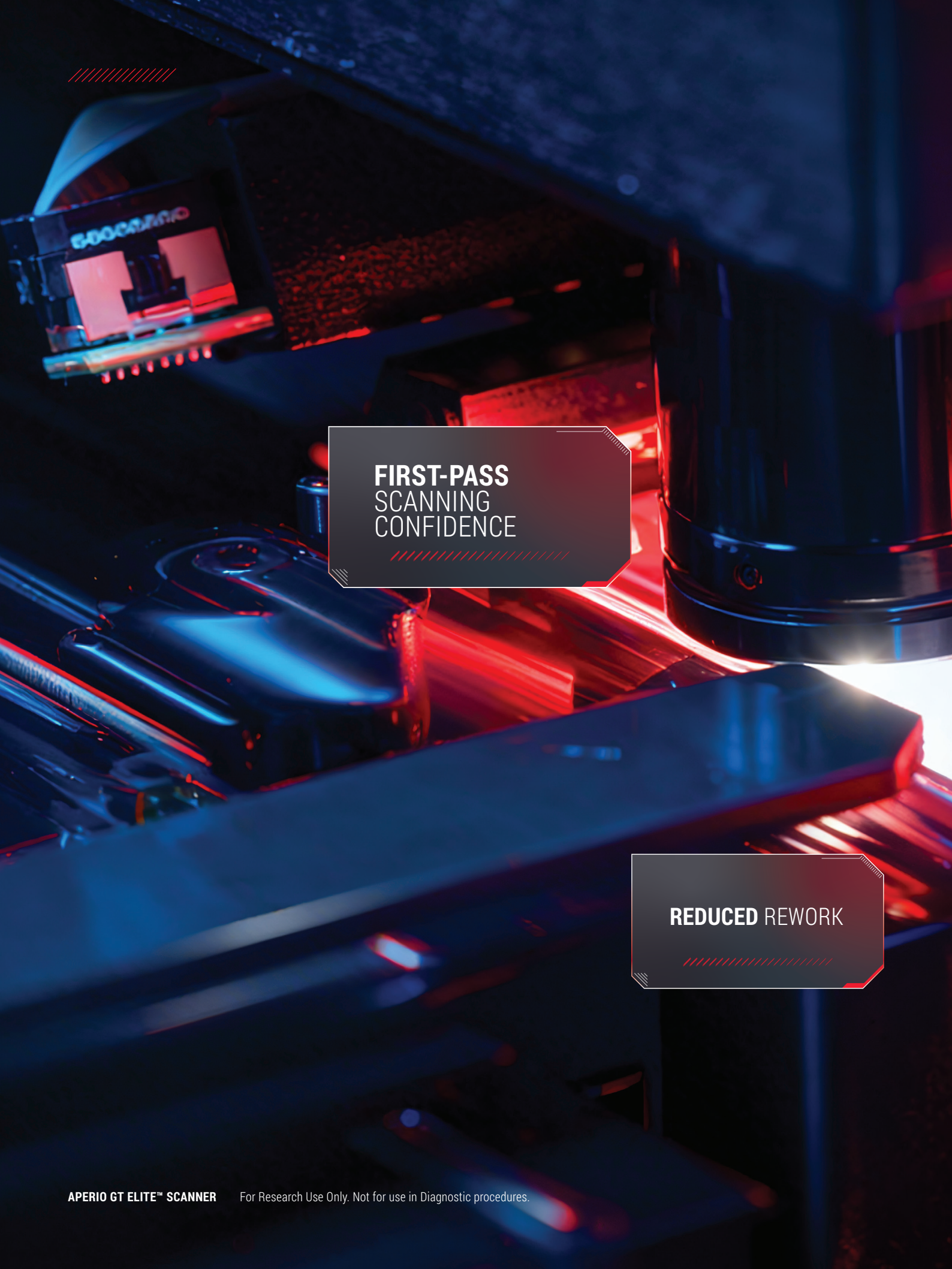
>> Fewer opportunities for error.

Automation keeps technicians focused on higher-value work, while built-in intelligence quietly delivers consistent, predictable scanner performance all day.

Intelligence that works without demanding attention.




LESS TECHNICIAN
INTERVENTION
BARCODE-DRIVEN
AUTOMATION
SLIDE-SPECIFIC
SETTINGS APPLIED
AUTOMATICALLY



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CONFIDENCE COMES FROM CONSISTENCY

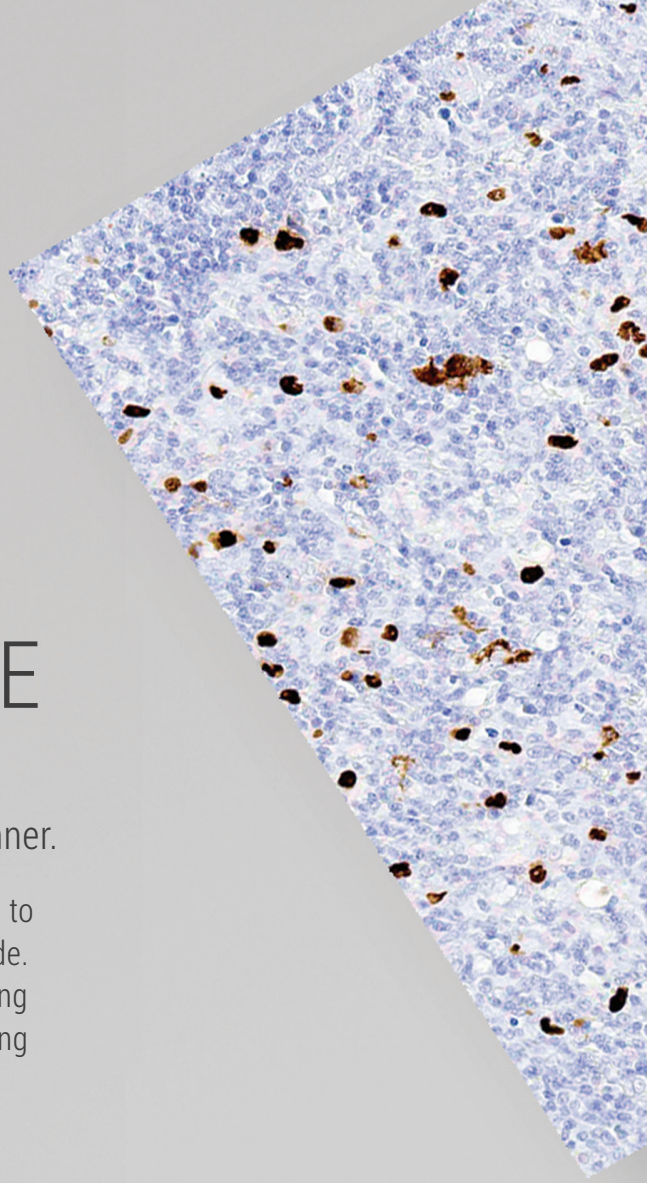
The Aperio GT Elite scanner is engineered for first-pass scanning confidence across diverse specimens, stains, and protocols. Reliable image quality reduces rescans and protects both time and outcomes as volume increases.

Optional Aperio iQC software further strengthens certainty by flagging and correcting for image quality issues during scanning, helping ensure results remain consistent even at very high throughput.

>> As workflows accelerate, confidence remains intact.

>> As scale increases, results remain dependable.

Certainty allows speed to scale without compromise.



SMARTSCAN™ TECHNOLOGY: THE INTELLIGENCE INSIDE

Available exclusively on the Aperio GT Elite scanner.

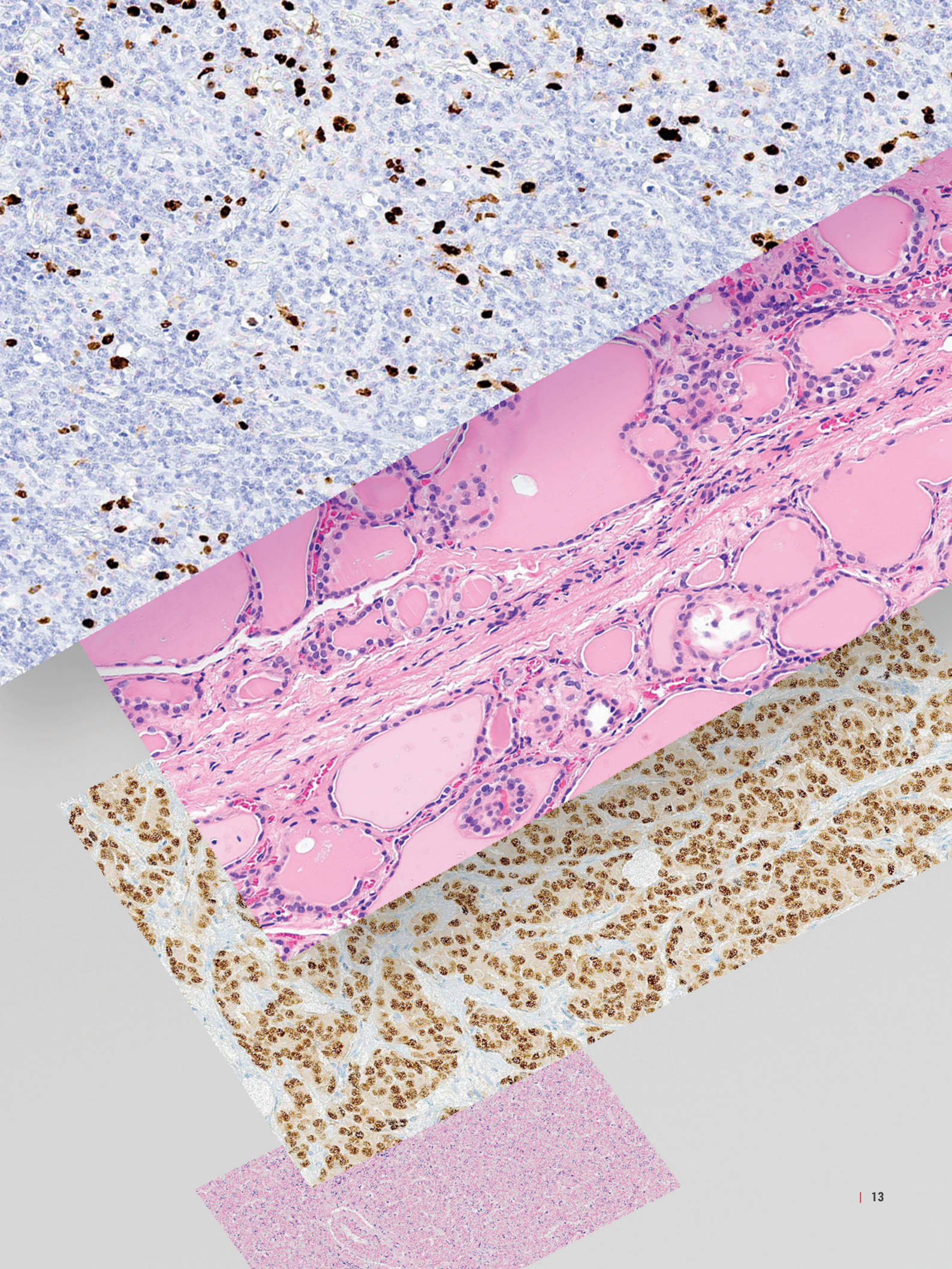
SmartScan™ technology delivers barcode-driven scanning to automatically apply the optimal scan settings to every slide. Slide metadata triggers predefined scan templates, allowing mixed slides to be scanned together without manual sorting or adjustment.

>> No slide separation.

>> No batch reconfiguration.

>> No unnecessary rescans.

Optional Aperio iQC™ software delivers AI-powered quality control by detecting digital and histological artifacts during scanning, alerting staff in real time and triggering rescans when needed. Built-in intelligence lets the scanner make decisions automatically—so technicians don't have to.



>> SPEED
>> INTELLIGENCE
>> CERTAINTY
WORKING AS ONE

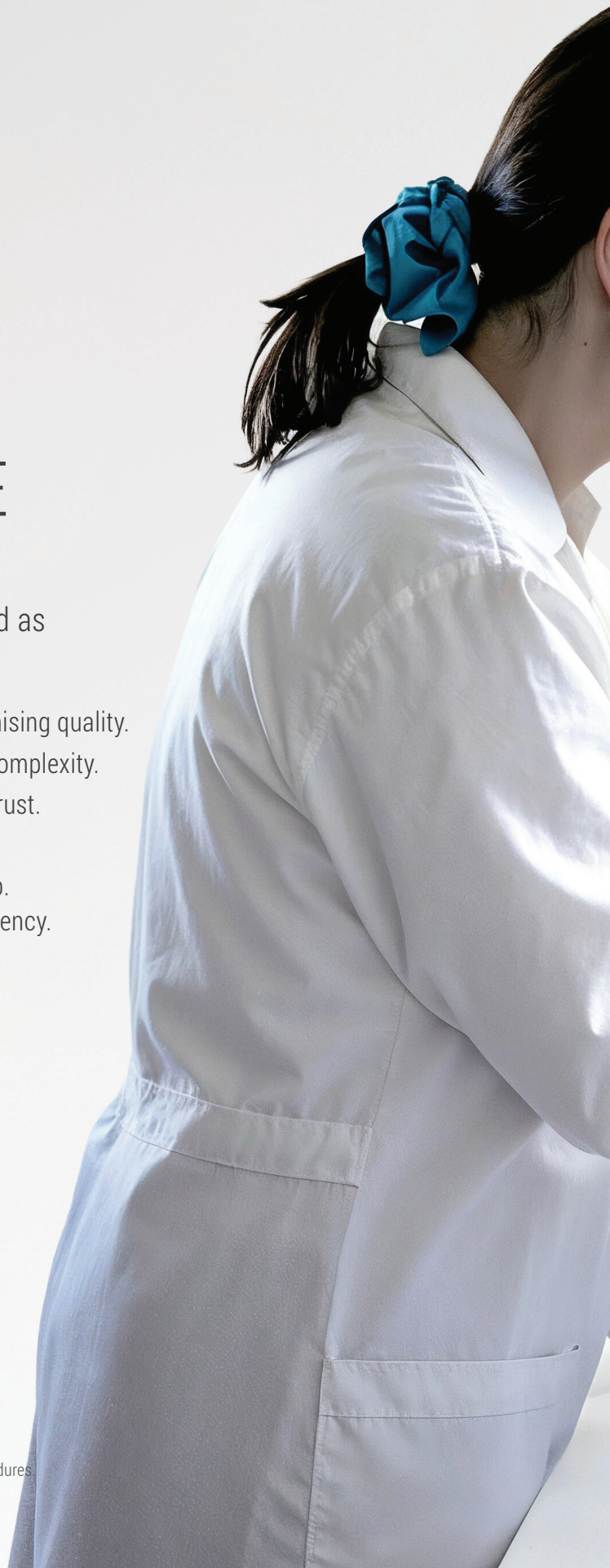
The Aperio GT Elite scanner is engineered as a complete system.

>> Speed increases throughput without compromising quality.

>> Intelligence removes friction without adding complexity.

>> Certainty delivers consistent results you can trust.

These principles protect time, reduce waste, and support confident decision-making across the lab. Because in digital pathology, time is the new currency. And how it is protected defines performance.



SLIDE-SPECIFIC
SETTINGS APPLIED AUTOMATICALLY

BARCODE-DRIVEN
SCAN AUTOMATION

INTELLIGENT
QUALITY CONTROL





APERIO GT ELITE SCANNER SUMMARY OF SPECIFICATIONS	
Maximum Slide Capacity	450
Rack Capacity	15 racks of 30 slides, 15 racks of 20 slides
Racks compatible with Leica HistoCore SPECTRA Workstation	Yes
Continuous rack loading while scanning	Yes
Priority rack scanning	Yes
Two-way scanning	Yes
SmartScan	Yes
Manual Scan	Yes
Z-Stacking	Yes
Extended Focus	Yes
20x and 40x Magnification	Yes
Automated Narrow Stripe	Yes
Default Calibration Point	Yes
DICOM compatible with 20x, 40x and Z-Stack	Yes
Aperio iQC Software	Optional
Resolution	0.26 µm/pixel at 40x
Scan speed (15x15mm tissue at 40x)	22 sec
Sustained throughput (15x15mm tissue at 40x)	103 slides/hr
Automated Image Quality Check	Yes
Slide sizes accepted	1 x 3
Field of View (FOV)	1 mm
Barcode engines	1D and 2D symbology
Dimensions	20.8" (52.83 cm) W x 28" (71.12 cm) L x 19.5" (49.53 cm) H
Weight	126 lbs

PART NUMBER	DESCRIPTION
Part Numbers - 23GTELITE	Aperio GT Elite scanner
Part Numbers - 23APERIOSAMSW	Aperio SAM Software
Part Numbers - 23APERIOSAMHW	Aperio SAM Server
Part Numbers - 23DATABRIDGE-ELITE	Aperio Bridge Data Broker
Part Numbers - 23IQC	Aperio iQC Software (Optional)

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For detailed contact information on your nearest sales office or distributor please visit our website: ***LeicaBiosystems.com***

Aperio GT Elite scanner may not be available in every country/region.

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Leica Biosystems is a global leader in workflow solutions and automation. As the only company to own the workflow from biopsy to diagnosis, we are uniquely positioned to break down the barriers between each of these steps. Our mission of "Advancing Cancer Diagnostics, Improving Lives" is at the heart of our corporate culture. Our easy-to-use and consistently reliable offerings help improve workflow efficiency and diagnostic confidence. The company is represented in over 100 countries. It has manufacturing facilities in 9 countries, sales and service organizations in 19 countries, and an international network of dealers. The company is headquartered in Nussloch, Germany.

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