HURON
TECHNOLOGIES

TissueScope™ iQ
Slide Scanner

For research use only.

Scanning flexibility meets throughput and intelligence.

Engineered for efficiency, the TissueScope™ iQ offers high throughput, workflow automation, and the flexibility to handle standard and double-wide slides.

Key features

- Sharp, clear image quality up to 40X magnification
- One-click automatic scan mode for workflow efficiency
- Manual scan mode to image the most challenging slides
- Interoperable and flexible IMS integration
- Highly configurable Z-Stack scanning
- Image-based barcode reading with support for 1D and 2D barcodes
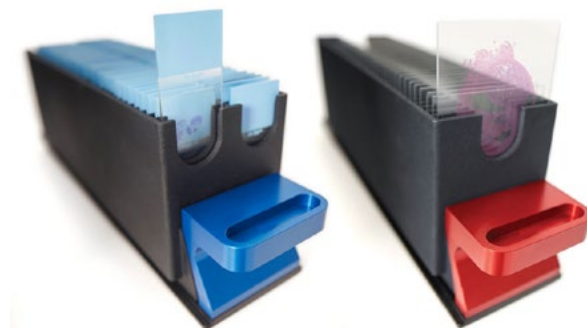- On system image building and viewing, no additional server required

Technical specifications

Capacity	400 standard or 200 double wide slides
Throughput	90 slides per hour (< 30 seconds per slide)[1]
Imaging Mode	Brightfield
Slide Formats	25 mm x 75 mm (1" x 3") 50 mm x 75 mm (2" x 3")
Objective	0.75 NA
Resolution	0.25 µm/pixel (40X) 0.50 µm/pixel (20X)
File Format	Non-proprietary TIFF and DICOM file formats supported
Z-Stack	Up to 99 slices, with 0.1 µm minimum interval
Dimensions & Weight	60 cm (23.7") Width 54 cm (21.4") Length 43 cm (16.9") Height 44 kg (97 lbs.) Weight
Warranty	One year

[1]15mm x 15mm @ 40X magnification

Scan up to 400 standard slides or 200 double-wide slides

The TissueScope™ iQ scanner features five slide cartridges, each accommodating 80 standard slides or 40 double-wide slides. Standard or double-wide cartridges can be mixed and matched in the scanner.

Standard Slides   Double-Wide Slides
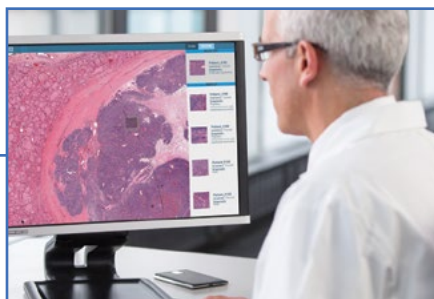
Transform your slides into shareable knowledge.

The TissueScope™ iQ is an integral part of Huron's Scan, Organize, Analyze platform for pathology, which combines best-in-class slide scanning with our innovative approaches to image management and analysis.

Scan.

Our solution leverages our 10+ year experience in providing whole slide scanners to leading research institutions.
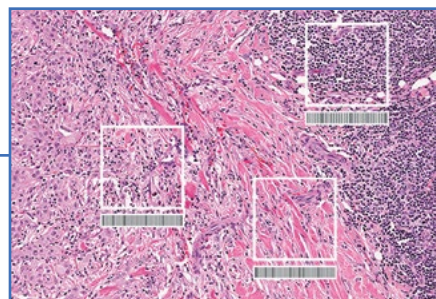
We are open and forward thinking. Our non-proprietary file format ensures that you are never locked in. We also value standards and the relationship between pathology and enterprise imaging. As such, we implement the DICOM standard in our scanners to ensure compatibility with other imaging modalities.

Organize.

The SlideVault™ Image Management System provides you with the power to organize your data as needed.

The system differentiates between User and Project permissions, and allows for deidentification of data, so you can rest assured that your data is safe and protected. Huron works closely with your IT department to ensure that our solution complies with your organization's information security policies.

Analyze.

We have partnered with the leading image analysis software vendors to provide image analysis solutions for research. Our Lagotto™ Image Search Engine for Pathology enables the indexing and searching of whole slide images.

About Huron Technologies

At Huron Technologies, we're shaping the future of pathology with a scalable platform designed for both clinical and research applications. Our interoperable, end-to-end solutions support the most demanding workflows, from routine diagnostics to advanced research.

Our lineup of scanners are optimized for reliability and industry-leading throughput. They are seamlessly complemented by our web-based image management system, SlideVault™, and an expanding portfolio of AI-driven tools that accelerate analysis and improve efficiency.

We work closely to understand your unique needs and tailor solutions that integrate smoothly into your workflows. Clinical laboratories trust us for image quality, reliability, and seamless integration, while research institutions rely on the versatility and precision of our innovative products. As your strategic partner, we deliver expertise, flexibility, and top-tier support, empowering you to advance discovery, streamline operations, and improve patient outcomes.