

# SCANSCOPE® XT SYSTEM

## High-Throughput, Ultra-Fast Digital Slide Creation, Management, and Analysis

**A**perio's most powerful digital pathology system, the **ScanScope® XT System**, features automated, ultra-fast, high-capacity scanning and integrated digital slide management and analysis capabilities.

Intended for high-throughput environments, such as busy reference labs, CROs, and pharma organizations, the ScanScope XT System delivers volumes of digital slides with superior image quality.



### CREATE

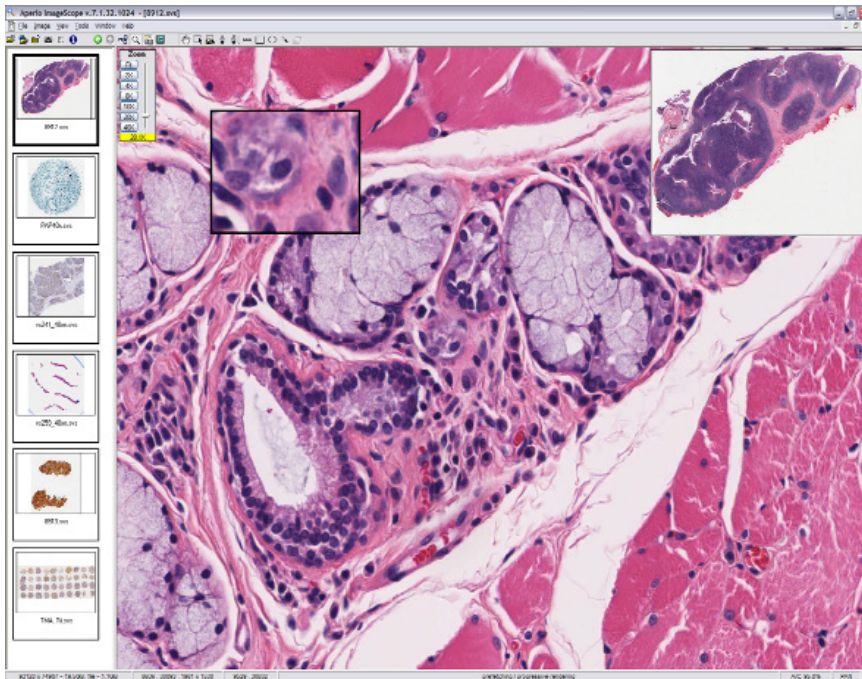
- ◆ Automatically load and scan up to 120 glass slides with the touch of a button
- ◆ Create complete digital slides—continuously—at an average of <3 minutes per slide
- ◆ Digital slides are 24-bit true color, with gigapixel resolution
- ◆ One-touch automatic or manual scanning supports histology and cytology applications
- ◆ Export images and data in industry standard file and database formats
- ◆ Provide multi-party access to local or remote digital slide databases
- ◆ Sort, group, and filter by any field

### VIEW AND MANAGE

- ◆ Instantly pan and zoom to any region and magnification, while maintaining a macroscopic view of the entire specimen
- ◆ Apply image enhancements, in real time, for contrast, brightness, and gamma
- ◆ Perform integrated conferencing with real-time annotation sharing
- ◆ Create and share linked graphical and textual annotations
- ◆ Decode 2-D Datamatrix barcodes and automatically associate with digital slide images

### ANALYZE

- ◆ Apply Aperio and third-party algorithms to perform integrated image analysis
- ◆ Analyze one or multiple regions of a digital slide
- ◆ Analyze entire digital slides
- ◆ Perform batch-mode analysis of multiple digital slides
- ◆ Automatically save pseudo-color mark-up images to highlight algorithm results
- ◆ Readily access analysis results and export findings



All the rich detail captured by ScanScope is immediately accessible, locally or remotely.

## SPECIFICATIONS\*

### ScanScope XT System (onsite installation and training included)

#### Scanner

20x/0.75 Plan Apo objective; mag changer

120-slide autoloader

JPG/JPG2000 compression

<3 min. scanning

23" monitor

#### Spectrum™ Digital Pathology Information Management Software

Spectrum software enables management and analysis of vast amounts of data in project-specific, context-based configurations, ultimately improving workflow, increasing efficiency, and providing valuable project histories and archival abilities. Serve, annotate, and share digital slides remotely, as well as perform digital slide conferencing. One user license is included.

#### Options

Spectrum Analytics (image analysis algorithms, tissue microarray segmentation)

Spectrum Live (for z-stack capture)

Additional Disk Storage

Additional Spectrum Software User Licenses

Integrated Crossing Station

\*Specifications are subject to change without notice. For complete specifications, please contact your Apero sales representative at 760.539.1100.

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While Apero is pursuing regulatory clearance to address the clinical market, Apero's products have not yet been cleared by the FDA.

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## DIGITAL PATHOLOGY APPLICATIONS

### Tissue Microarrays

Overcome the challenges inherent in managing and analyzing TMAs comprising hundreds or thousands of tissue samples

### Pathology Education

Create annotated teaching sets and share them anywhere, anytime

### Pathology PACS

Use the ScanScope XT to scan and archive large repositories of glass slides for easy digital slide management and access

### Image Analysis

ScanScope Systems provide high-quality images and the algorithmic means for proper analysis



**Apero Technologies**  
**Worldwide Headquarters**  
 1430 Vantage Court, Suite 106  
 Vista, CA 92081  
 T 760.539.1100  
 F 760.539.1116  
 info@aperio.com

**European Operations Center**  
 3 The Sanctuary, Eden Office Park  
 Ham Green, Bristol BS20 0DD UK  
 europeinfo@aperio.com

www.aperio.com