OptraScan®
On-Demand Digital Pathology

OS-Lite

Improving Patient Outcomes With Affordable and Easy To Implement Digital Pathology Solutions

Create high resolution digital images and achieve greater efficiency.

Slide Capacity:	15 slides
Magnification:	20x (SD) or 40x (HD) (Digital zoom upto 60x)

Key Benefits :

- Unparalleled image quality
- Patented composite imaging ensuring 99% in-focus slide images
- Automated tissue detection
- One-touch walk away automation
- Multi-Site collaboration
- QR code, 1D, 2D, and barcode recognition
- Cloud-enabled with instant cloud loading capability

Features:

- Robust and easy installation
- IMAGEPath image management system included for viewing, storing & archiving
- TELEPath Telepathology included for real-time remote consultations

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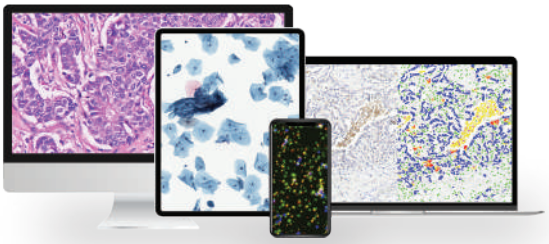
An ISO 13485 certified company
OptraSCAN systems are CE mark for IVD use
All OptraSCAN systems are for research use only in North America

Technical Specifications

• **Imaging Mode:**	Brightfield
• **File Format:**	JPEG2000, TIFF, SVS, MRXS, CZI, NDPI
• **Slide Formats:**	Standard 25 x 75mm (1”x3”) slides
• **Dimensions & Weight :**	Approximate Width- 14”, Length- 17”, Height- 18”, Weight- 20kg
• **Resolution:**	0.50 µm/pixel at 20x, 0.25 µm/pixel at 40x
• **Scanning Speed**	1 min at 20x , 3 min at 40x for 15 x 15 mm tissue area
• **Image Storage Space:**	300 to 400MB at 20x (15x15mm tissue)
	600 to 800MB at 40x (15x15mm tissue)

IMAGEPath

Web-based Image Management and Viewing



- Access images anytime and anywhere
- Image sharing, collaboration and storage security
- Pan, zoom, annotate, generate reports
- User authentication and “role-enabled” access
- Image analysis plug-in available
- Audit trail functionality

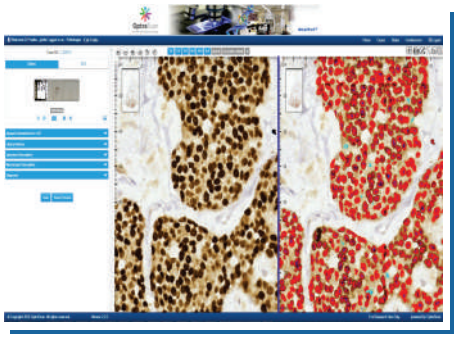
TELEPath®

Real-time Digital Conferencing

- Real-time sharing/collaboration
- Interactive chat

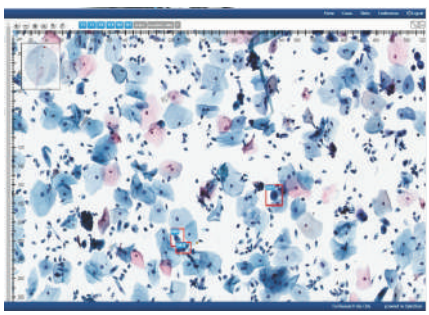
OptraASSAYS Image Analysis

AI & ML based Image Analysis Solutions



- Turnkey analysis of ER, PR, Her2neu, Ki67, PD-L1
- IHC multiplexing assays
- Accurate, rapid & reproducible assessment
- Additional algorithms available with user configuration
- Biomarker quantification using nuclear, membrane & cytoplasmic stains

Cytology Image Analysis



- Automated computation of sample adequacy for the whole slide cytology image
- Identification of abnormal cells and other entities based on morphological features and AI based classification
- Identification of reactive, endometrial, actinomyces, candida, clue cells, trichomonas vaginalis, and herpes entities
- Identification of entities including blood, inflammation, and lubricant