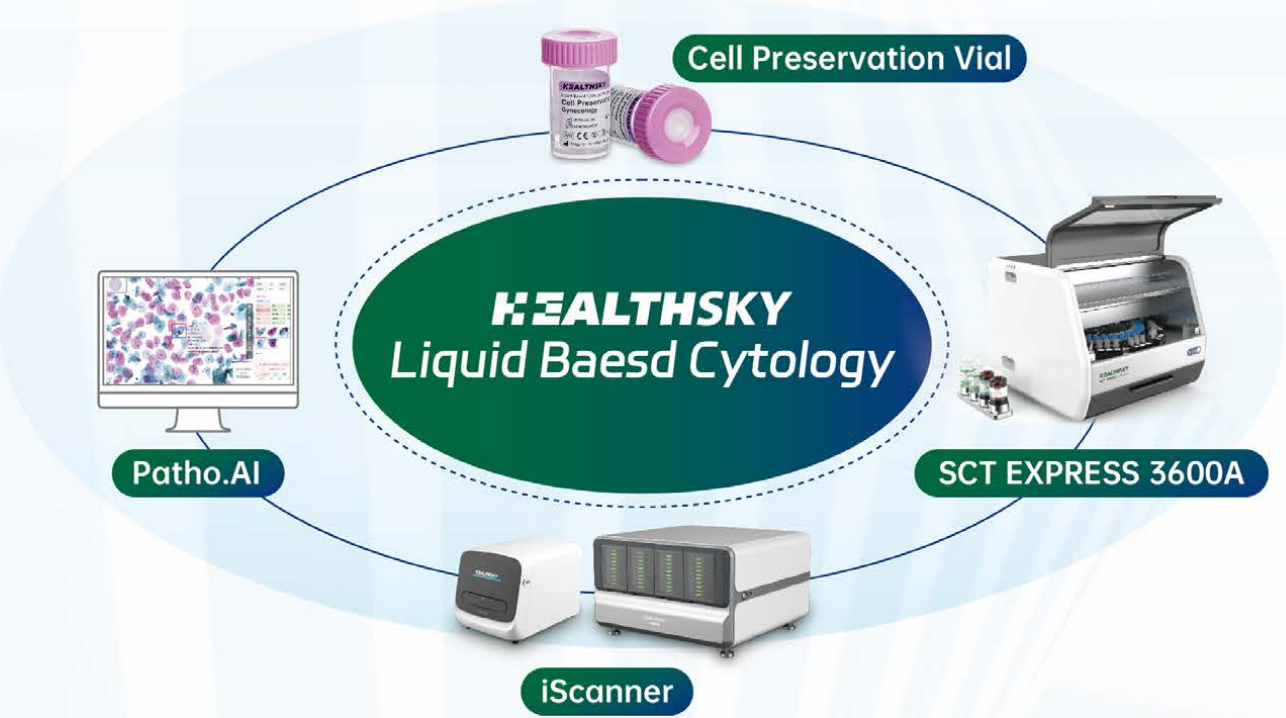


Intelligent Cytology Eco System



Specification

Model	PSS-05A	PSS-480A
Compatible Slide	Length 75.5 ± mm, Width 25.5 ± 1 mm, Thickness 1.1 ± 0.1 mm	
Capacity	up to 5 slides	up to 480 slides
Barcode Type	Barcode, QR Code, Text	
Image Resolution	20X : 0.25 μm/pixel	
	40X : 0.13 μm/pixel	
Scanning Speed (15 mm×15 mm)	20X : ≤ 40 seconds	
	40X : ≤ 120 seconds	
Weight	50 KG	95KG
Dimensions (L x W x H)	578 x 400 x 420 mm	790×430×727 mm

HEALTHSKY
Where Pathology Meets Innovation

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Yuhang District, Hangzhou, Zhejiang, China.

Where pathology meets innovation



Precision In Every Pixel
Confidence In Every Review
Digitalization and AI-Driven Diagnostics



HEALTHSKY

Bridging Physical Slides to Digital Cytology

By transforming physical slides into Whole Slide Images (WSI), digitalization bridges the gap to Intelligent Cytology, unlocking global accessibility. Acting as an intelligent co-pilot, our AI-driven diagnostics empower clinicians by streamlining high-volume workloads.



SCT Express

High-Quality Physical Slides
The Foundation of Digital Precision

Precision-prepared slides ensure that every cell is captured with clarity, serving as the essential data source for our Intelligent Cytology Eco System.



iScanner

iScanner Whole Slide Imaging System
The Bridge to Intelligent Cytology

Precision imaging technology that digitizes your cytology workflow. It creates high-fidelity WSIs that serve as the essential data foundation for AI-driven diagnostics and collaborative review.

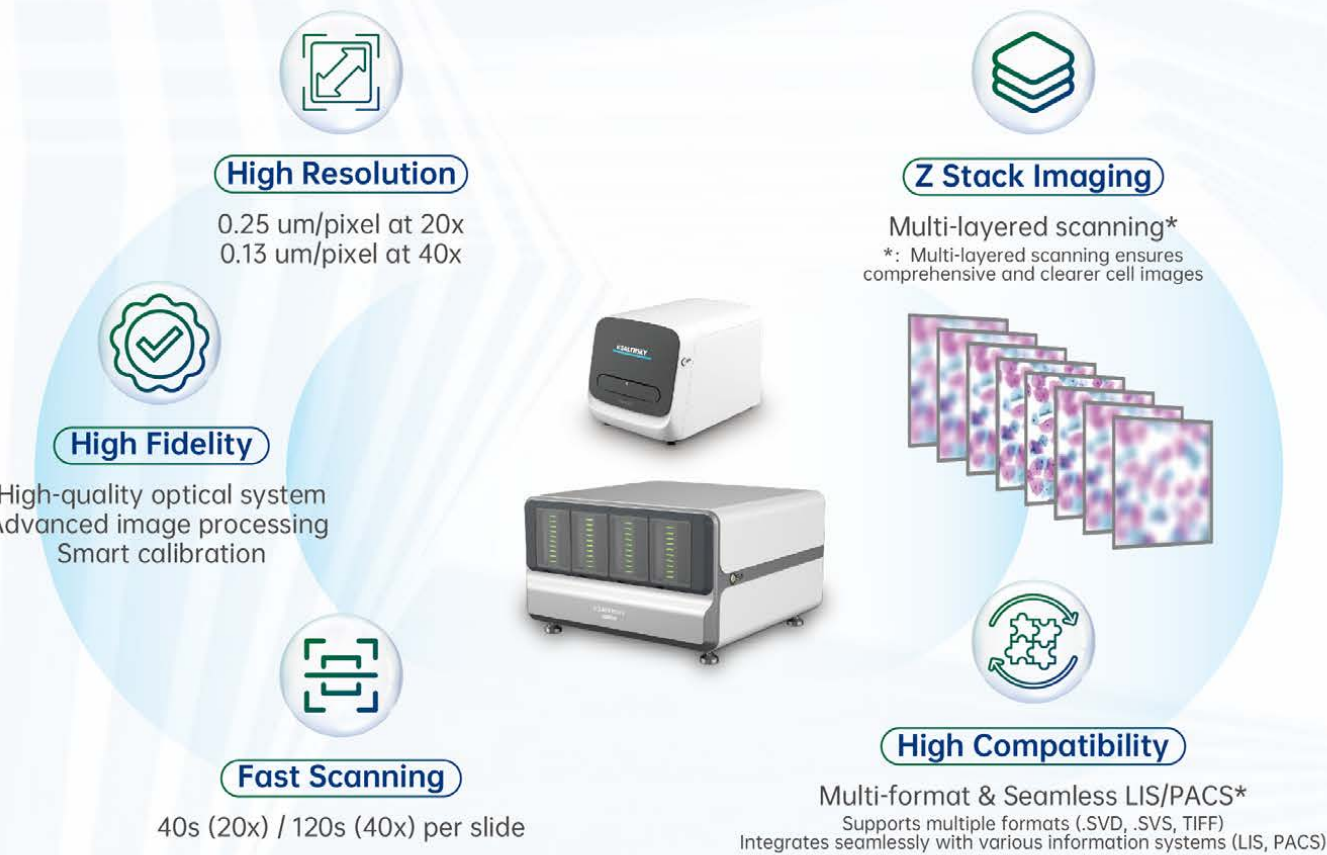


Patho.AI

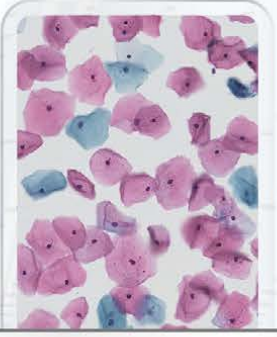
AI-Assisted Cytology Diagnostic Platform
Your Intelligent Co-pilot in Diagnostics

Transform the way you review cases. Our AI-driven engine acts as an essential diagnostic partner, alleviating the burden of overburdened doctors while maintaining the highest standards of diagnostic consistency across your entire network.

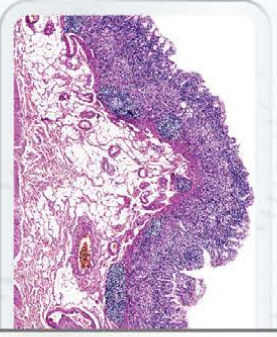
iScanner: High-Resolution Digitalization at Scale
Built for Digital Pathology



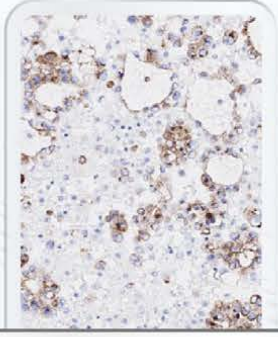
Application



Cytology



Histology



IHC

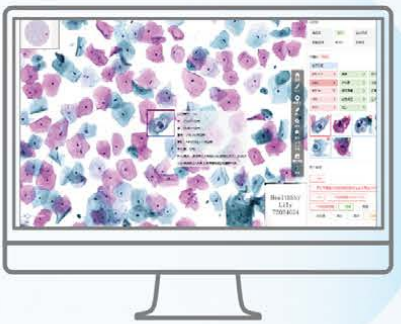
Patho.AI: AI-Assisted Cytology Diagnostic Platform
Effortless, Accurate, and Fast

Following The Bethesda System standards, Patho.AI quantifies multiple diagnostic features including: Nuclear size and N/C ratio, Chromatin texture and density.

Nuclear membrane irregularity, Cytoplasmic clearing and vacuolization. It scores, ranks, and visualizes each abnormal cell, ensuring pathologists quickly locate the critical information.

Simplifying Professional Review with AI-Assisted

The system automatically identifies all cells and ranks them by diagnostic significance. By prioritizing the most representative cell types, it enables clinicians to pinpoint key diagnostic information instantly.



AI Quality Assessment

Specimen Adequacy	Inflammation Severity
Total Cell Count	Clarity

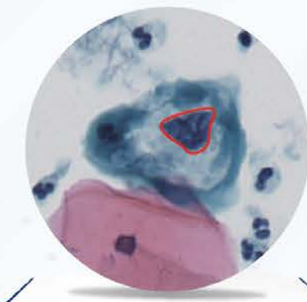
AI Suggestion

LSIL	Fungi	Atrophic Change
HSIL	Actinomyces	Metaplastic Cells
ASC-US	Herpes Virus	Repair Cells
ASC-H	Clue Cells	Normal Glandular Cells
AGC	Trichomonas	

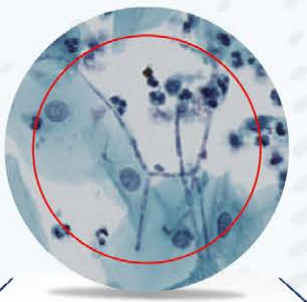
Doctor Review

Positive	Negative	
LSIL	ASC-US	AGC
HSIL	ASC-H	Fungi
Clue Cells	Actinomyces	Trichomonas
Herpes	Other	None

Algorithm-Driven Precision



Automatically analyzes nuclear regions and evaluates morphology to identify abnormal cells.



Automatically localizes microorganisms and leverages feature learning for precise identification and interpretation.