



Services for the
Transformation
Digital and Intelligent
Pathology Departments

ABOUT US

PrimeLifeScience is a North American company with a global presence and strategic partnerships that strengthen its operations in different markets.

Recognized for its solid expertise in digital pathology and microscopy, the company brings together highly qualified professionals with extensive industry experience, forming a team dedicated to developing solutions that drive the digital transformation of the healthcare sector.

Guided by the mission of "Making Pathology Smart and Efficient," PrimeLife Science offers a comprehensive portfolio that goes beyond simply supplying equipment.

Its solutions range from modern hardware and software systems to integrated platforms and complete digital ecosystems, enabling greater productivity, precision diagnostics and process optimization.

With a focus on continuous innovation and expert support, the company supports medical institutions at all levels — from small laboratories to large hospitals and research centers — offering not only cutting-edge technology, but also a true strategic partnership for the evolution of pathology on the global stage.



Specialized engineers, with fast and remote support.

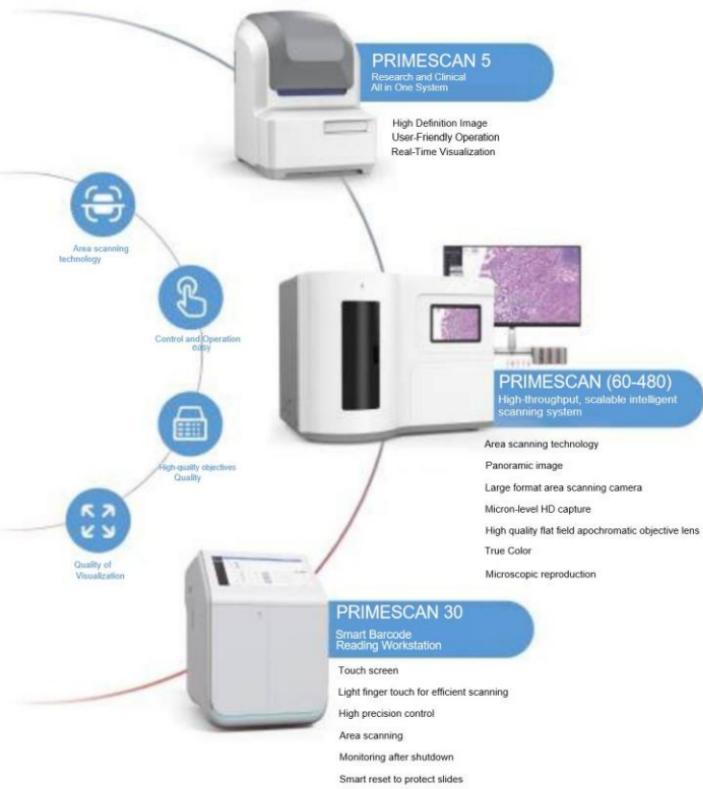


Highly qualified team to always offer the best to our customers.



Research - Industry - Clinical

Collaborates with leading universities, research institutions and medical laboratories in the development of innovative projects.



Product parameters

UISCAN Series Digital Slide Scanner Parameters

Model	PRIMESCAN 5	PRIMESCAN 30	PRIMESCAN (60-480)
Loading capacity	5	30	60/120/180/240/300/360/420/480
Scanning Method			Area Scanning
Scanning speed (15mm x 15mm)			355 (20x scan) 50 s (40x scan)
Objective			20X, N0.8 (adaptable to 40X physical)
Image resolution			<0.24 µm/pixel (20x scan) >0.12 µm/pixel (40x scan)
Repositioning Mechanic			X/Y axis > 40 nm Z-axis 25 nm
Resources			Supports multi-layer fusion scanning; Supports slice label recognition; Supports tissue contour recognition; Supports slide monitoring; Supports slide upload and QR code sharing
Image output format			TMAP/SVS/TIFF, etc
Dimensions	565x425x563mm	484x695x660mm	896x635.5x715mm

Application scenarios



Intelligent Pathology Cloud Platform

Complete pathology digital services platform

The Youyun Intelligent Pathology Cloud Platform, as a next-generation application ecosystem platform for digital transformation in pathology departments, addresses the digital application needs of pathology departments. It integrates functions such as remote consultation, AI-assisted diagnosis, regional sample delivery, live pathology teaching, and pathology quality control assessment, building an integrated "diagnosis-treatment-education-research" closed loop. Deeply integrating advanced technologies such as cloud computing, AI algorithms, and 5G, it covers the full range of pathology business scenarios, achieving a paradigm upgrade of the digital-intelligent collaboration model in traditional pathology departments.

