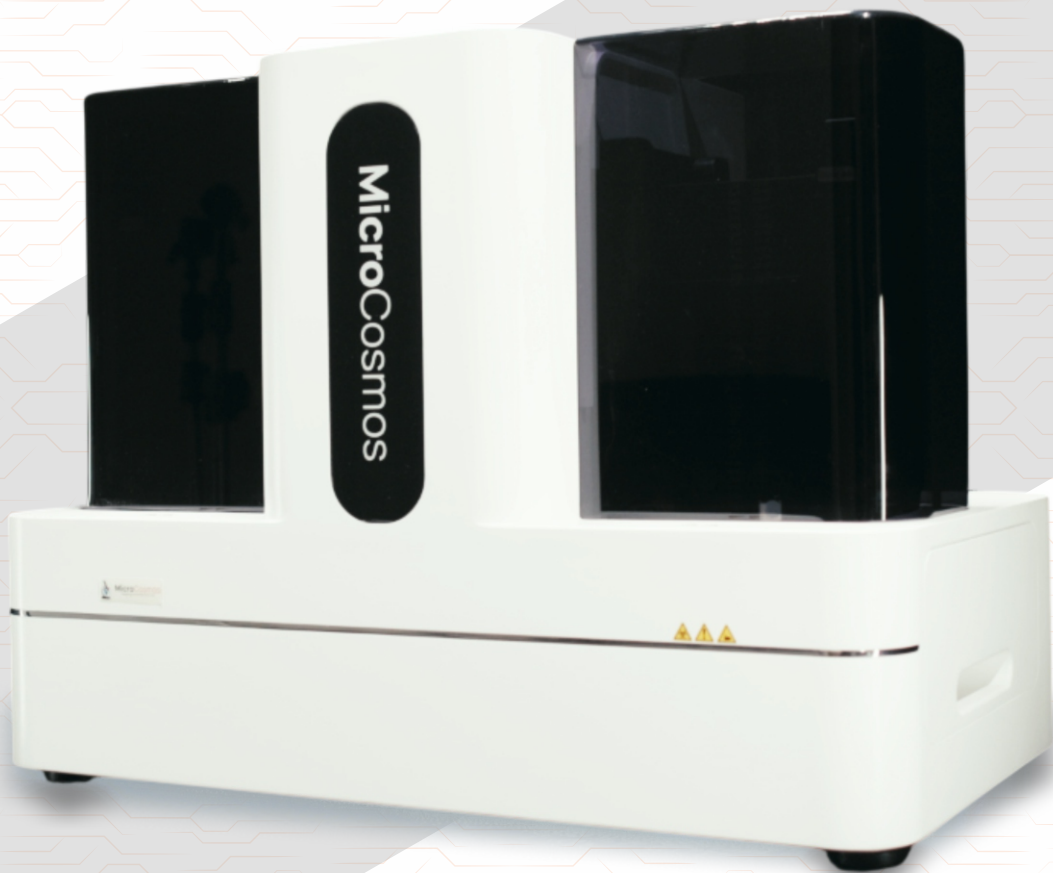




MicroCosmos
Imaging Systems Pvt Ltd

Whole Slide Scanner (Cosmo - WSS) Series

- High-Speed • Fully Automated
- Microscopy-Based Digital Pathology



Digitize Faster. Scale Smarter. Diagnose with Confidence.

The WSS Series – Whole Slide Scanners are designed for modern digital pathology laboratories that demand speed, automation, and image fidelity. Built on precision microscopy and advanced automation, the WSS platform enables seamless transition from glass slides to high-quality digital slides—at any scale.

From a compact single-slide scanner to a 200-slide fully automated system, WSS adapts to your workflow today and scales for tomorrow.



One Platform. Four Powerful Configurations.

Cosmo WSS-S1 | Single Slide Scanner

Microscopy-Based | Compact | Cost-Effective

- Ideal for research labs, teaching, pilot projects
- Manual single-slide loading
- Same image quality and speed as high-end automated systems

Cosmo WSS-F4 | Four Slide Scanner

High-Speed | Fully Automated

- Automated scanning of up to 4 slides
- Perfect for low-to-medium throughput labs
- Fast turnaround with minimal operator intervention

Cosmo WSS-A120 | 120 Slide Scanner

High-Throughput | Walk-Away Automation

- Automated batch scanning of up to 120 slides
- Designed for core labs, CROs, and centralized pathology
- Continuous unattended operation

Cosmo WSS-A200 | 200 Slide Scanner

Enterprise-Grade | Maximum Throughput

- Automated scanning of up to 200 slides
- Ideal for large hospitals, reference labs, and biobanks
- Built for 24x7 operation

Performance That Sets You Apart

Bright-Field Scanning

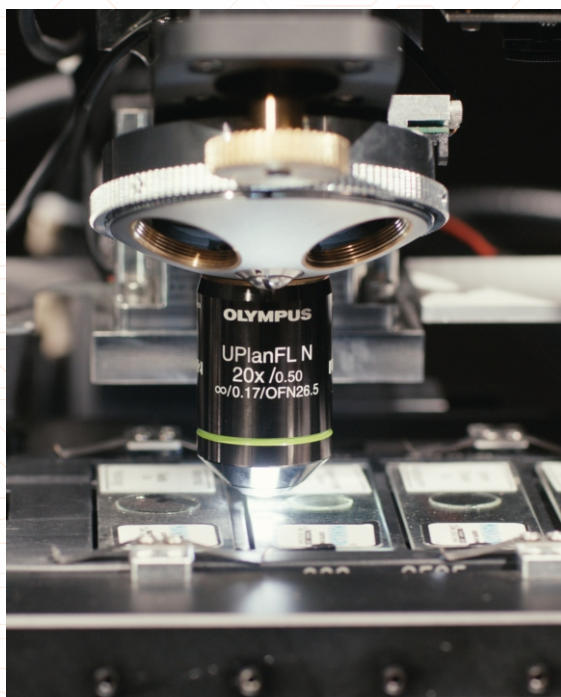
- True microscopy-based bright-field imaging
- Optimized for H&E and special stains
- Diagnostic-grade color accuracy and clarity

Magnification Options

- 20X and 40X selectable scanning

Scan Speed (15 mm × 15 mm area)

- 20X: ~35 seconds per slide
- 40X: ~55 seconds per slide



Fully Automated Workflow

- Automated slide detection
- Automated tissue detection
- Intelligent auto-focus and re-focus
- Batch scanning with error recovery
- Load slides → Start scan → Walk away

Image Management Software (IMS)

- Unified scan control and monitoring
- Real-time scan preview
- Ultra-smooth pan & zoom whole slide viewer
- ROI selection and annotations
- Measurement and basic analysis tools

Data & Case Management

- Centralized digital slide repository
- Case-wise and slide-wise organization
- Metadata tagging and role-based user access

Open & Scalable

- Supports standard WSI formats
- Compatible with AI and third-party image analysis tools

Regulatory-Ready (Optional)

21 CFR Part 11 Compliance Module

- Electronic records and electronic signatures
- Complete audit trail
- User authentication and access control
- Full data integrity and traceability

Applications

- Digital pathology
- Histopathology laboratories
- Pharmaceutical R&D
- Toxicology and preclinical studies
- CROs and centralized labs
- Medical education and AI development

WSS Series – Built for Today's Pathology. Ready for Tomorrow.

From research to routine diagnostics, WSS delivers speed, precision, and confidence—slide after slide.



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