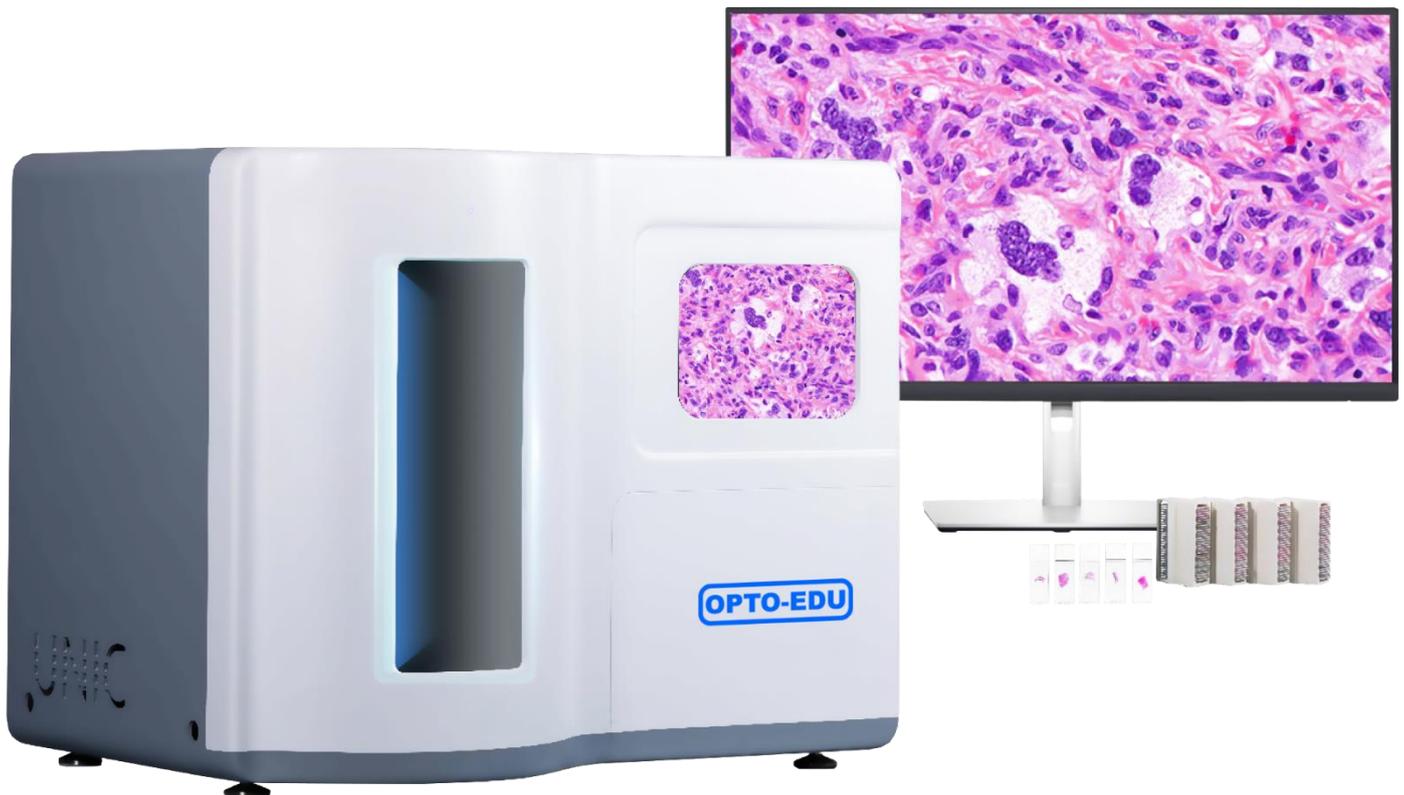




M30.5820

Full Auto Microscope Slide Scanner





▶ Ultra-high Quality

High-quality flat-field apochromatic object sharp scientific research-grade ultra-high-speed area array camera (Patented face scanning technology)
Independently developed military-grade high-brightness full-range LED light source
High-speed and high-quality presentation of tissue and cell structure morphology

▶ High-speed Scanning

15.00mmx15.00mm scanning range
20x magnification mode, ≤35 seconds
40x magnification mode, ≤50 seconds

▶ Improved Efficiency

It can provide bright field fast scanning, and can also realize fluorescence, phase contrast, and polarization scanning by upgrading the reef equipment to meet different scientific research needs

▶ Slide Protection

Advanced machine vision technology
Adaptive slide travel recognition
Automatically monitor and prompt slide positioning and system abnormalities

▶ Dual Screen Dual Control

The machine body is integrated with a touch screen display, which can independently control slide scanning and slide browsing, without the need for external auxiliary equipment, realizing dual-screen dual control of the equipment

▶ Ultra-high Stability

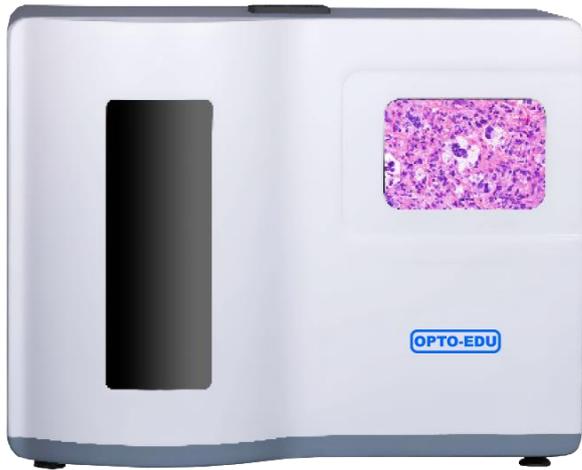
Technology accumulation creates a record of continuous scanning of 5,000 sheets without error
Single scan success rate is greater than 95%

▶ Flexible Throughput

60 pieces/120 pieces/240 pieces/480 pieces of various flux specifications are flexible to choose from to meet different construction needs
Support original machine flux upgrade to calmly face future development

▶ One-click Sharing

The scanned digital slides can be shared with any user by generating a QR code with one click. Users can browse and edit the slides through smart terminals, which is convenient and fast.



● **slide Loading Recognition Function**

Automatically skip the loading point without slides during continuous scanning

● **slide Label Recognition Function**

Automatically recognize the symbol, barcode or QR code information in the slide label

● **Organization Outline Recognition Function**

Intelligently recognize the outline of the tissue area in the slide, and skip the non-organization area during the scanning process

● **slide Stroke Recognition Function**

Using machine vision technology, it can automatically monitor and prompt the abnormality of the slide during the scanning process to avoid fragmentation and card

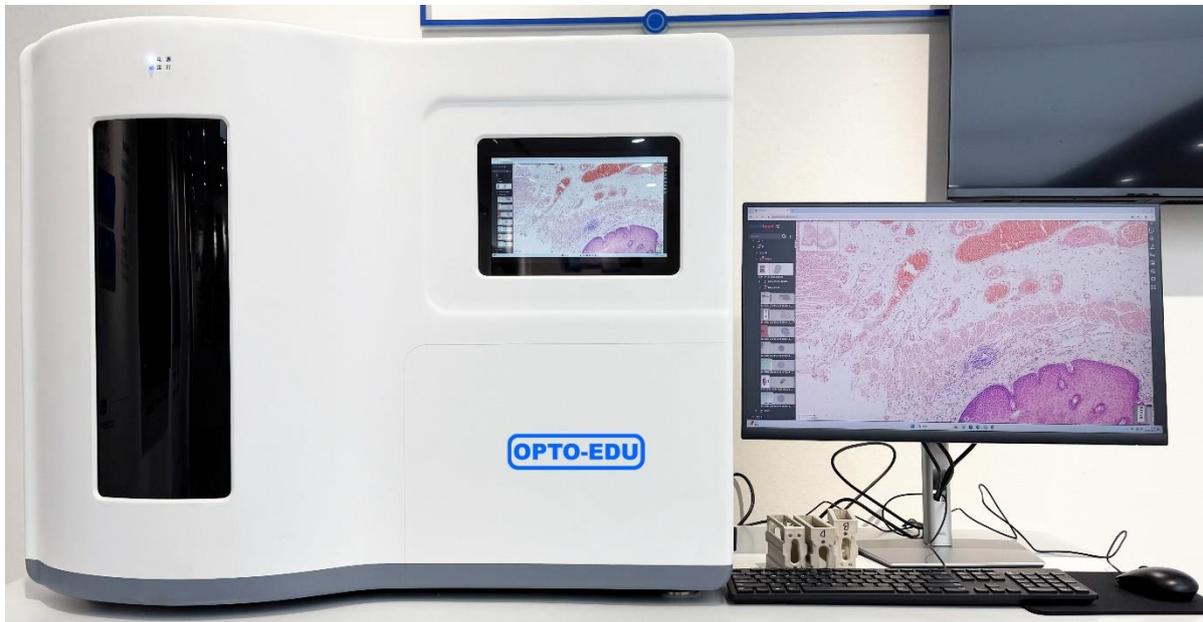
- Tissue or cell quantitative analysis software
- Mitophagy technology software
- Immunohistochemistry quantitative analysis software
- Digital slide management and browsing software
- Remote consultation software



M30.5820 High Throughput Digital slide Scanning Analysis System Specification

Slide Capacity	60pcs/120pcs/240pcs/480pcs standard pathology slides (75*25mm)
Objective	APO 20x N.A.0.8 high quality plan apochromatic objective lens APO 40x N.A.0.45 high quality plan apochromatic objective lens
Camera	5.0M Scientific research-grade large-area CMOS digital camera
Scanning Method	High-speed continuous area scanning
Scanning Speed	15x15mm scanning area: -20x scan, <35 seconds -40x scan, <50 seconds
Scanning Resolution	20x scan ≤ 0.24um/pixel 40x scan ≤ 0.12um/pixel
Scanning Mode	Fast, Accurate, 3D, Fusion mode
Repeat Position Accuracy	X, Y axis ≤ 40nm, Z axis ≤ 25nm
Multi-layer Scanning Function	Z-axis automatic focusing, multi-layer scanning, each layer image can be browsed and saved
Fusion Scanning Function	Applying depth of field fusion technology to obtain ultra-depth scanning images
Intelligent Recognition	Automatic identification of slide type: HE/IHC/Cyto Automatic identification of label symbols, barcodes and QR codes
Software	Scan Software: iScanneX, Browser Software: iViewer
Product Size	896mmx635.5mmx715mm

It provides solutions for a variety of applied research and can be widely used in scientific research, teaching, biochips, cancer and tumor research, toxicology and drug safety evaluation, forensic pathology and other fields.



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Digital upgrade of teaching slides

Upload digital slides to the platform, break through geographical restrictions through campus network or the Internet, conduct learning and communication anytime and anywhere, and realize the sharing and optimization of educational resources



Remote sharing, real-time interactive learning

Students can choose slides to observe according to their needs, and understand the details of pathological changes more carefully by zooming in, zooming out, rotating, etc. on the whole slide. They can also mark and take notes on the digital slides, compare and summarize, and submit homework. Teachers can correct it online, which is time-saving and efficient.

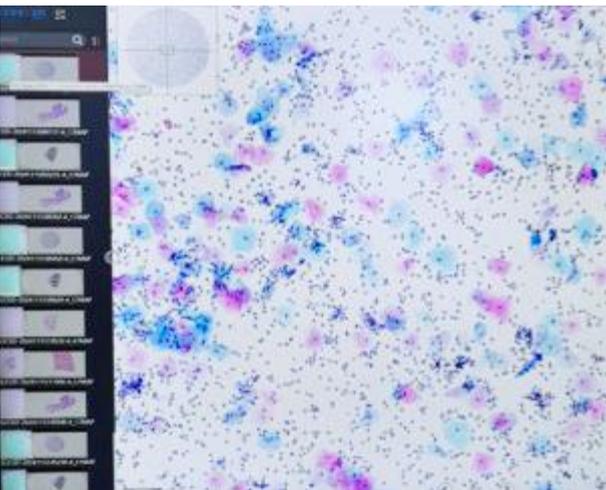
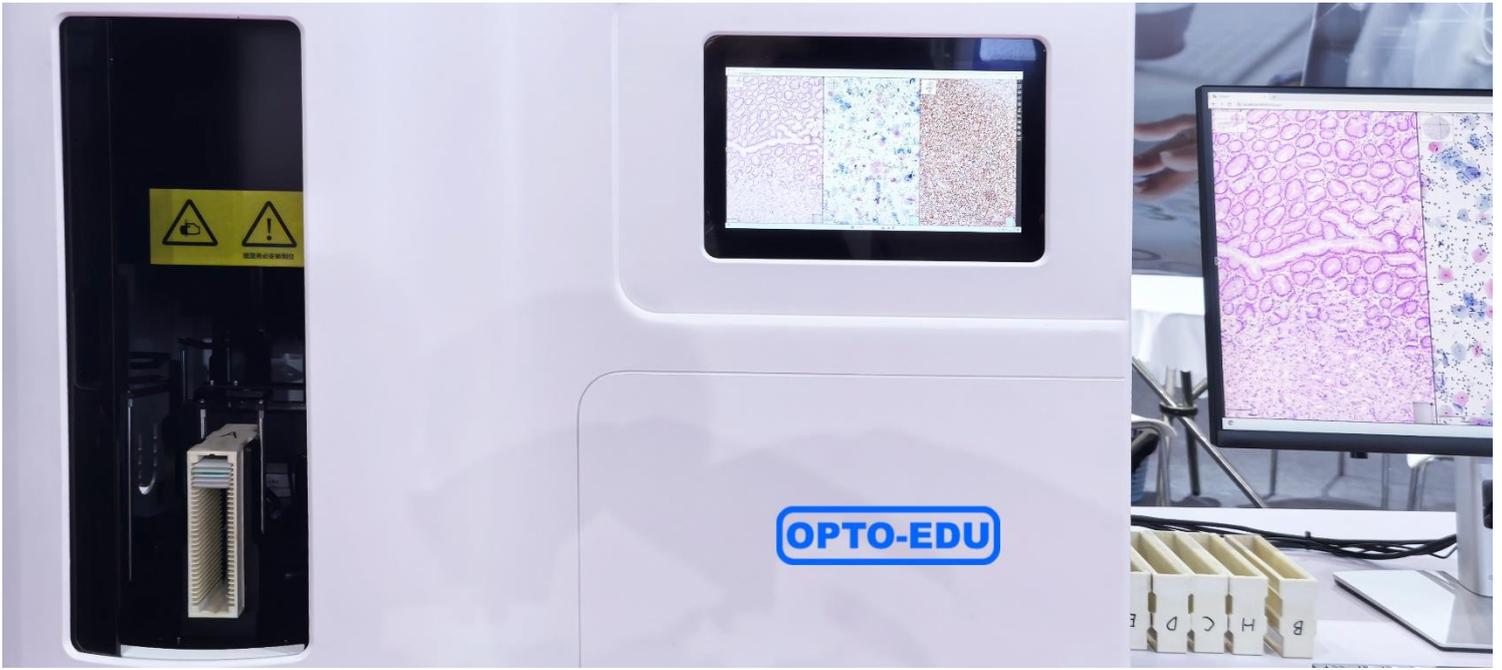


Change teaching methods and improve learning efficiency

Artificial intelligence software can be trained and developed based on digital slides for teaching, retrieval or examination
Teachers can use high-definition digital slides to create teaching materials, write academic articles, and plan high-quality courses.



Assist research and teaching software development



MICROSCOPE IS OUR FOCUS

The Key To Micro World

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150+ Microscope & accessory manufacturers supply all models from China
200+ Hot sale microscopes & Newest Models Updated Every Month
750+ Customer from all over the world & keep rising every day
1500+ Microscope products create your one-stop purchase platform
3000+ Educational Instruments For School, College And University Teaching
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