

Fast speed for high throughput

Liner magnetic axis driver

Position accuracy in nanometre level

For large hospitals and institutes



KF-PRO-120 Digital Pathological Slide Scanner

For scanning and digitization of human tissue slices, compress, and store them for future retrieval and viewing of digital slides

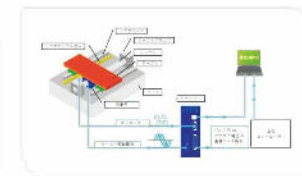
Product Features



High-quality fast scanning,
one-click for 120 slides



Repeated position accuracy $\leq 50\text{nm}$
Control scanning precision efficiently



Magnetic suspension motor drive
ensures stable and quiet scanning

Application Circumstances



Clinical • Full digital department
Diagnosis • AI-assisted diagnosis



Diagnosis • Real-time communication
• Solve all problems



Scientific • Medicine R&D
Researches • Disease prevention

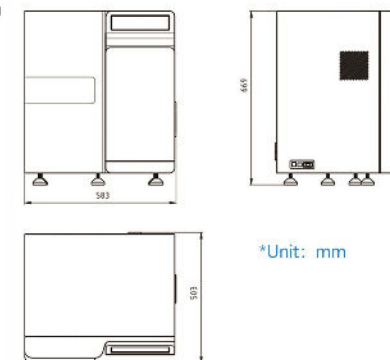


Interactive • Digital storage
Training • Easy access

Performance Index

Acceptable Slide Size	1 inch×3 inch
Capacity	automatic feeding, 120 slides at most, support continuous loading
Lighting	LED
Scanning Manner	line scanning
Objective Lens	OLYMPUS super apochromatic objective lens Numerical Aperture 0.8 (support Support multi-objective lens) magnetic linear motor control
Movement Control	
Magnification	20 / 40
Resolution	0.25μm/pixel (20X) 0.125μm/pixel (40X)
Scanning Speed	<1.5s (20x, 15mm*15mm) ≤40s (40x, 15mm*15mm)
Z-Stack Scan	yes
Focusing	automatic/manual
Precise Identification	yes
Label Identification	Bar code/QR
Image Format	KFB/TIF/DICOM
Work Station	CPU: Intel Core I7 Hard Disk: 1TB Memory: 16G Monitor: 24 inch
Dimension (L*W*H)	583*503*669mm

Product Dimension



*Unit: mm

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