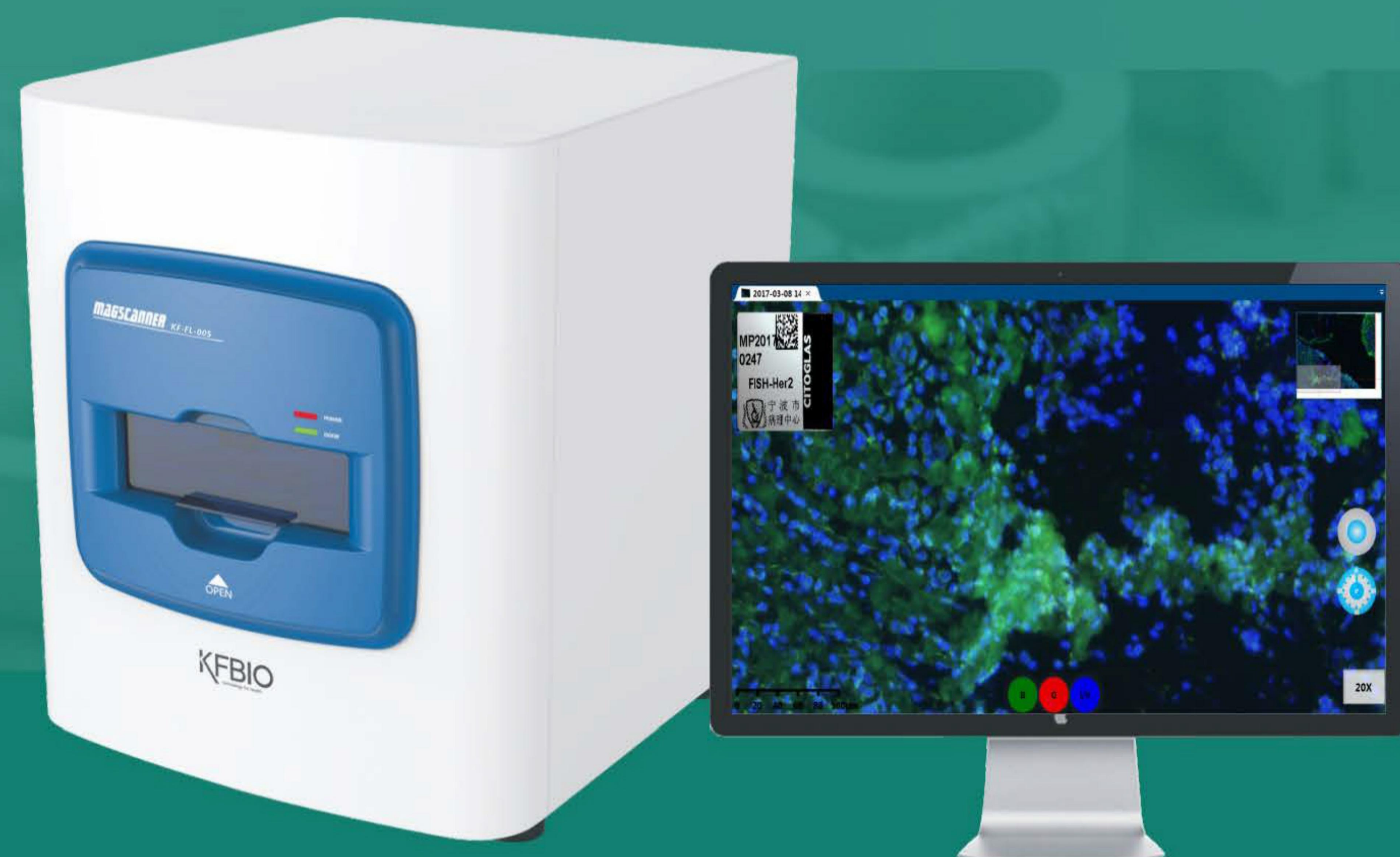


Precise / Magnetic Linear Motor Control

Accurate / Continuous Working Without Problem

Fast / 40s Only From Focusing To Image Completion

Excellent / Nucleus Structure Clearly Presented



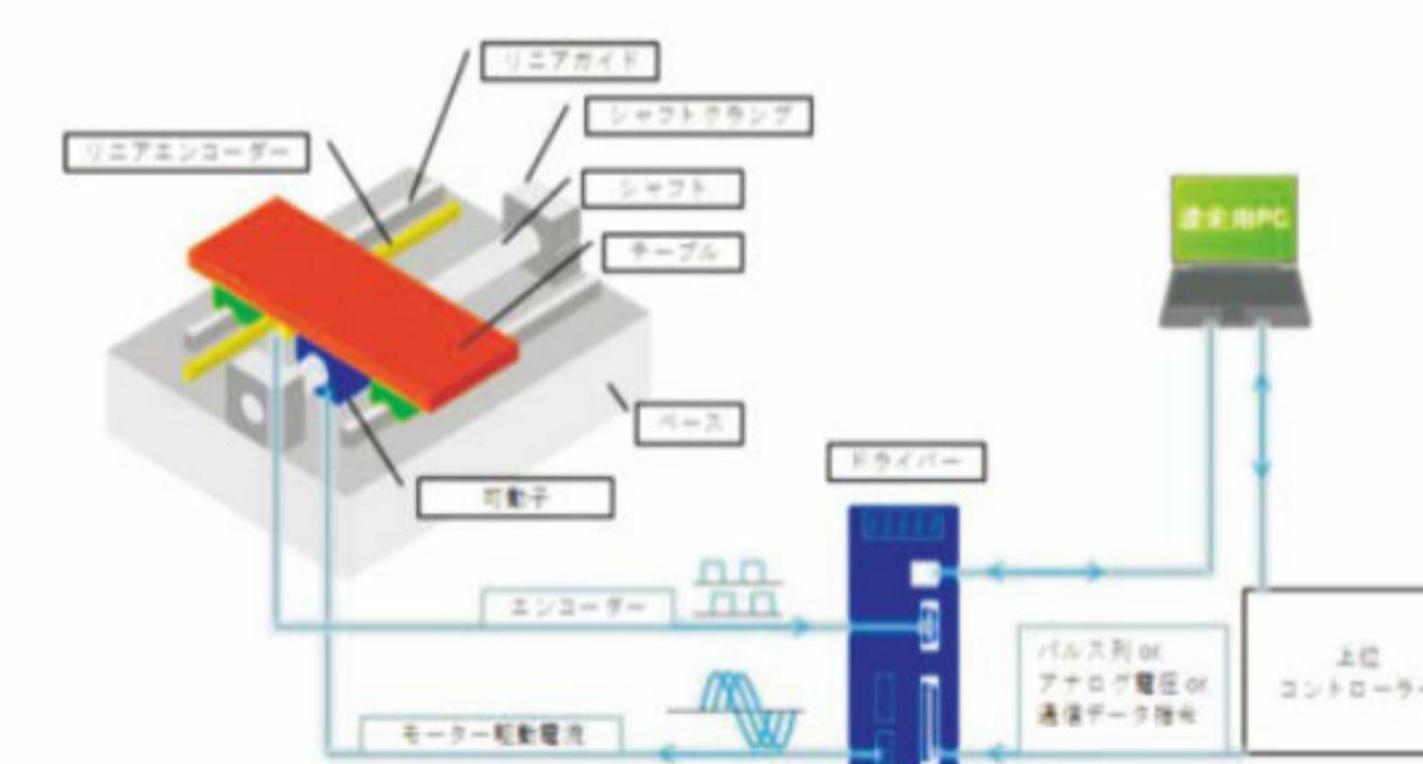
KF-FL-005 Digital Pathology Slide Scanner

It is used to scan human tissue slides, and digitize, compress and store them for subsequent retrieval and viewing of digital images. It supports bright-field and fluorescent slide scanning, and supports automatic switching of dual objective lenses.



Scan QR code for
online viewing slides

Product Advantages:



Magnetic suspension motor drive ensures stable and quiet scanning



OLYMPUS top objective lens ensures multi-band high fidelity image



German industrial cameras, the resolution is 0.25 micron/pixel

Application Circumstances:



Scientific Researches
▪ Medicine R&D
▪ Disease prevention



Telepathology
▪ Quality control
▪ Timely diagnosis



Synchronous meeting
▪ Synchronous viewing
▪ Real-time discussion



Clinical Diagnosis
▪ Information management
▪ Auxiliary diagnosis

Performance Index:

Acceptable Slides: (1inch-5inch)*3inch
Feed System: automatic feeding, 5 slides at most
Lighting: LED fiber lamp, LED fluorescent lamp
Scanning Method: line scanning; area scanning
Objective Lens: OLYMPUS apochromatic objective lens; 20X NA:0.80 (Standard)

Movement Control: magnetic linear motor control
Positional Accuracy: 50nm
Fluorescent Channel: 8 channels at most

Resolution: 0.25 μ m / pixel (20X) 0.125 μ m / pixel (40X)
Label Identification: bright-field, fluorescent (marked)
FISH Scanning: yes
Bright-field Scanning Speed: ≤ 25 s/20X (0.25 μ m, 15mm*15mm)
 ≤ 40 s/40X (0.125 μ m, 15mm*15mm)
Fluorescent Scanning Speed: ≤ 7 min (40X, 3 channels, exposure time: 50ms, 10mm*10mm)
 ≤ 14 min (40X, 6 channels, exposure time: 50ms, 10mm*10mm)

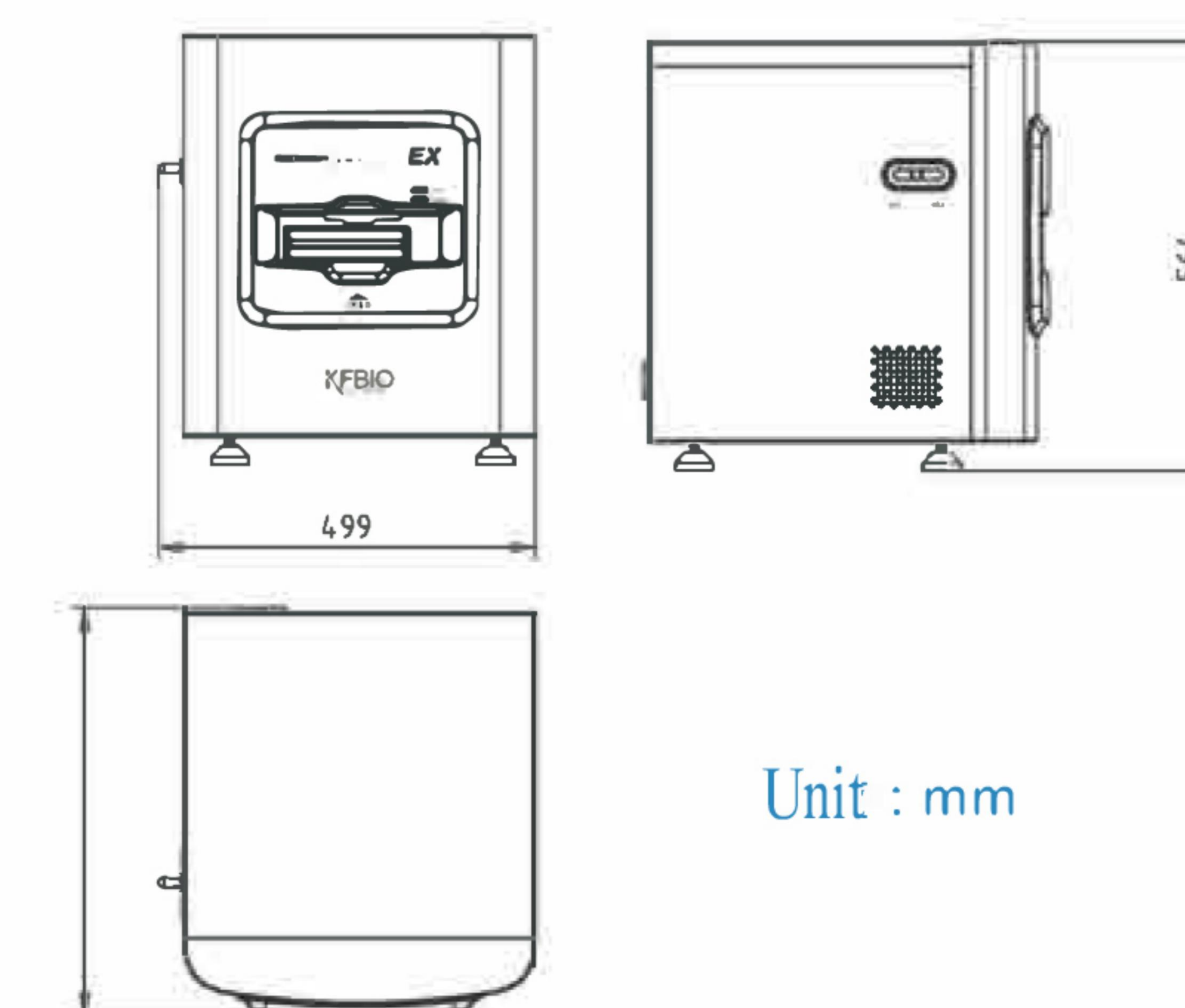
Scanning Method: single-layer scanning, multi-layer scanning and multiple fusion scanning

Focusing: automatic/manual
Image Color: high resolution and fidelity image

Label Identification: Bar code/QR
Image Format: KFB/KFBF/TIFF

Work Station: INTEL(R)XEON(R)W-2333 Memory: 32 G

Product Dimension:



Unit : mm

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