

IVD Manufacture Equipment & POCT Analyzer



- Catalogue -



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Frenovo
Biotech

SHEET CUTTER (LCM300) ▼

Maximum cutting speed	270times/min
Maximum cutting width	330mm
Cutting precision	±0.10mm
Width adjustment	5-100mm



LAMINATOR (NM-006) ▼

SPEED	1200pieces/h
Sticky board deviation	0.1mm
Width of Rubber sheet	60-100mm
Thickness of rubber sheet	<0.5mm
Width of NC membrane	15-25mm



CONTINUOUS DISPENSER (LXHM007) ▼

SPEED	1200 pieces/h
Dispensing tip minimum interval	3mm
Sheet width	5-12CM
Positioning precision	0.1-0.2mm
Minimum fill and drain volume	0.1uL
Dispensing pump standard volume	500uL
Dispensing Concentration	0.2-9.99uL/cm



Sheet Slitter (GD300) ▼

SPEED	1200 sheet/hour
Card Length	< 320mm
Card width	>25mm
Feed	Manual



Fluorescence Quantitative Reader

FR600



FR600 reader is a new generation immunofluorescence detection system based on photoelectric detection principle developed by Frenovo Biotech Co., Ltd. The readers have high detection accuracy, strong stability, fast detection speed and low cost. They are widely used in disease detection, medical care, epidemic surveillance, food inspection and quarantine and other fields.

Product model: FR600	Internal Thermal Printer: Optional
Test result: Quantitative	iCloud: Optional
Language: English/Chinese(Customized Available)	Bluetooth: Optional
Display: 7 inch touch screen	Appliance Outlet: RS232,USB
Spectral range Fluorescence: Emission: 610nm	Data storage: 10,000(Max)
Spectral range Fluorescence: Excitation: 365nm	Project storage: 200(Max)
Repeatability: CV≤1%	Power supply: 100~240 V AC 35W 50Hz~60Hz
Stability: CV≤1%	Dimensions: 285mm×200mm×165mm(D×W×H)
Test time: ≤5 seconds	Weight: 3KG

Strip Guillotine cutter

BCM500



High Precision Strip Cutter adopts stepper motor to drive the mechanical parts to precisely control the inputting width of the sheet. This high speed and high torque motor drives blades along with the sheet feeding components to cut it into strips fast and accurately, it significantly reduces the labor cost and increase the work efficiency.

Maximum cutting speed:220times/min	Cutting width:0.50-9.99mm
Cutting precision:±0.05mm	Material residual:10mm
maximum Width of uncut sheet:94mm	Dimension:428X385X292

High- Precision 3D Platform Dispenser

XYZ3000



XYZ3000 3D platform dispenser adopts high-precision stepping pump to carry out liquid transportation, which can realize the control of non-pulse liquid flow and ensure the formation of uniform and single solution lines on the membrane. The instrument can not only carry out solution labeling to meet the requirements of the package of antibody solution of NC membrane in gold labeled strip, but also carry out solution spraying to meet the requirements of the package of gold spraying solution.

Dispensing efficiency:250 sheets/h	Spraying efficiency:800 strips
Platform moving speed:50—150mm/s	Platform (working) area:476*112(350*85)mm
Dispensing tips minimum interval:3mm	Dispensing pump standard capacity:500ul
Spraying pump standard capacity:1000ul	Dispensing reagent concentration:0.2-9.99ul/cm
Spraying reagent concentration:1.0-9.99ul/cm	Minimum fill and drain volume:1ul
Reagent residual volume: 0	Dispensing tip position precision: ±0.1mm
Equipment dimension: 568X379X348mm	Equipment weight: 26.5KG

Assembly roller

PSM200



PSM200 assembly roller use mechanical compacting method to press and close the cassette firmly and quickly, it significantly reduces the labor force and increases the production efficiency. The running belt conveyors the semi-assembled cassettes to the rollers: one small prepress roller and a bigger compacting roller afterwards, after these twice pressing, the cassette can be closed perfectly. This instrument is widely used in rapid test production.

Running speed:0-15m/min	Cassettes width range:2-8mm
Dimension:1100X328X264	