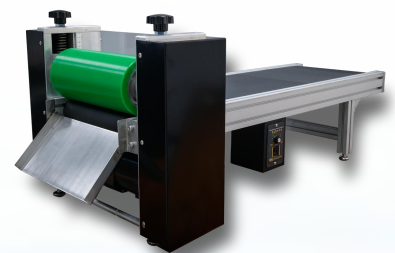
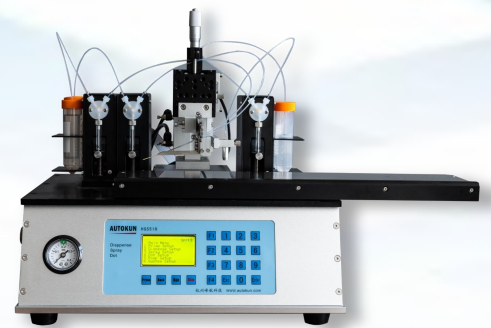
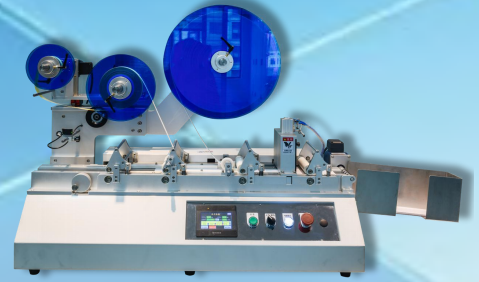


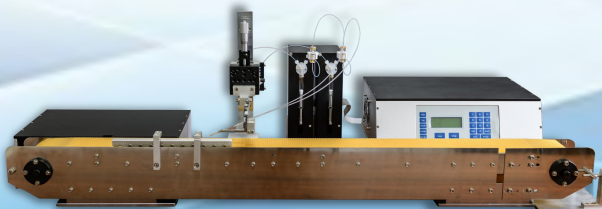
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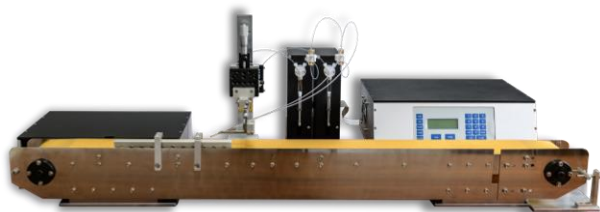
- Precision Dispensing Systems
- Strip cutter
- Colloidal gold/fluorescence reader
- Automated production line



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Continuous dispenser Model HGS101



Can dispense reagents on the NC membrane surface.
High efficiency for producing lateral flow strip

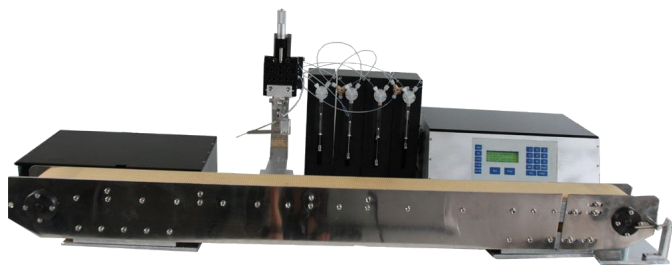
Parameter:

Power	90-250VAC 50/60HZ
Weight	50KG
Size	1200*500*270mm
Precision	±0.1mm
Min line space	2mm
Efficiency	5000 sheets (30cm)/Day

Characteristic:

- High efficiency: suitable for mass production
- Uniform line,CV<10%
- Easy operation
- Low reject rat,: Because of Chitinous process
- Can add into max 6 lines

Enhanced Continuous dispenser Model HGS101A-X



This machine is based on continous dispenser model : HGS101 , more efficiency about improve 20-40%, more percent of pass about improve 3-8% .

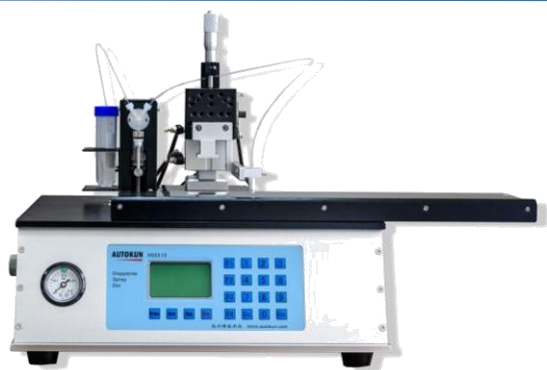
Parameter:

Power	90-250VAC 50/60HZ
Weight	50KG
Size	1200*500*270mm
Precision	±0.1mm
Min line space	2mm
Efficiency	7000 Sheets (30cm)/Day

Characteristic:

- High efficiency:improve 20-40% efficiency compared with HGS101
- Low reject rat:improve3-8%efficiency compared with HGS101

Sprayer Model HGS510-1



Characteristic:

- Easy to operate
- High precision

The Precision Sprayer can spray Gold-reagents on to the glassfibre, polyester membrane.

Parameter:

Power	90-250VAC 50/60HZ
Weight	25KG
Size	430*330*260mm
Accuracy	±0.1%
Operate size	100*350mm
Platform Size	125*470mm
Volume range	0.2-99.9ul/cm

Multi sprayer Model HGS510-1B-XP



Characteristic:

- Effective: Multi-channel working at the same time, the production capacity is 4-5 times that of a single gold spray machine
- Large platform operation: operating range 275*500mm, platform size 250*350mm, can put down a piece of A4 paper

Big platform with multi channels

Parameter:

Power	90-250VAC 50/60HZ
Weight	45KG
Size	440*530*420mm
Accuracy	±0.1%
Operate size	250*350mm
Platform Size	275*500mm
Volume range	0.2-20ul/cm
Capacity	2000-3600 sheets/hour (depends on channels)

Cases



HGS510-1-2P



HGS510-1B-4P

Dispenser Model HGS510-2



Characteristic:

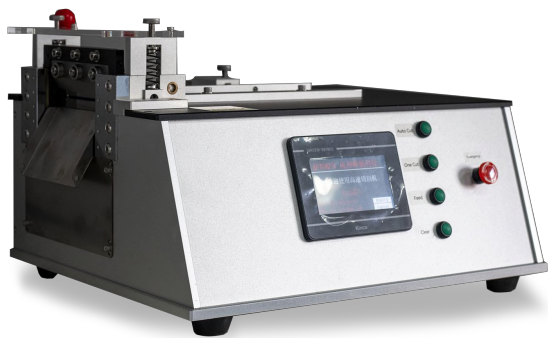
- Two function: draw lines, make dots
- Easy to operate little reagent to dispense line and make dots
- Reversible pump allows purging, cleaning and cleaning the bubble
- Easy operation and Durable and maintenance free design

Draw lines on NC membrane

Parameter:

Power	90-250VAC 50/60HZ
Weight	25KG
Size	470*380*395mm
Air supply	40-100psi
Precision	±0.1mm
Operate size	100*350mm
Platform speed	0-99.9mm/s
Min line space	2mm
Volume range	0.2-9.99ul/cm

Strip cutter Model HGS220



Characteristic:

- Capable of cutting various card size
- Good design to avoid the problems for unsharped edge, sticked strips to blade.
- PLC controlled
- Blade could use at least one million times
- Has memory to recall last steps from previous run.
- Touch screen

This machine is designed to cut a wide range of laminated card into final strip sizes

Parameter:

Power	90-250VAC 50/60HZ
Weight	29KG
Size	420*370*230mm
Accuracy	±0.05mm
Cutting speed	100-800 strips/min
Cutting Size	0.5~550mm
Uncut sheet width	0~100mm

Precision dispenser and sprayer Model HGS510



The Precision Dispenser can dispense reagents, spray Gold- reagents or make dots on to the glassfibre, polyester membrane or NC membrane .

Parameter:

Power	90-250VAC 50/60HZ
Weight	32KG
Size	470*380*395mm
Air supply	40-100psi
Accuracy	±0.1%
Accuracy	0.01ul
Precision	±0.1mm
Operate size	100*350mm
Platform speed	0-99.9mm/s
Min line space	2mm
Volume range	0.2-99ul/cm

Characteristic:

- -Three functions: Dispense Lines, Spray lines, Make dots,
- Easy to operate little reagent to dispense line, spray line and make dots
- Two lines and one spray line
- Easy to add lines later

Strip cutter Model HGS201



Cutting machine which is designed to cut a wide range of laminated card into final strip sizes. This is suitable for both R&D and production scale quantities.

Parameter:

Power	90-250VAC 50/60HZ
Weight	25KG
Size	430*330*260mm
Accuracy	±0.05mm
Cutting speed	230 strips/min
Cutting Size	0.5~99.9mm
Uncut sheet width	0~110mm

Characteristic:

- Capable of cutting various card size
- Blade leaves a very clean edge and has very long life.
- Easy to change the blade.
- Good design to avoid the problems for unshaped edge, stuck strips to blade.
- Have auto cut , one cut and feed functions.
- Has memory to recall last steps from previous run

laminator Model HGS1101



suitable for sheet backing card

can automatically laminate membrane roll to plastic card and automatically cut the plastic card laminated with membrane into cards with required length.

Parameter :

Power	90-250VAC 50/60HZ
Weight	100KG
Capacity	1200sheets /hour
Precision	±0.2mm
Sheet width	50mm ~ 100mm
Sheet length	0-30mm

Roller laminator Model HGS1201



suitable for roll backing card

can automatically laminate membrane roll to roll backing card

Parameter :

Power	90-250VAC 50/60HZ
Weight	> 100KG
Capacity	900sheets /hour
Precision	±0.15mm
Sheet width	50mm ~ 100mm
Sheet length	0-30mm

Roller dispenser and dryer Model HGS1701



Continuous draw lines on roller NC membrane.

Parameter :

Power	90-250VAC 50/60HZ
Weight	> 100KG
Capacity	240cm~360cm/min
Precision	±0.1mm
Temp.range	0~65°C
Dry time	81s (60mm/s计算)

Raw material cutter Model HGS220W

Cut raw material into specific length sheet,such as sample pad,conjugate pad and absorbent pad



Parameter:

Power	90-250VAC 50/60HZ
Weight	35KG
Size	520*480*230mm
Accuracy	±0.1mm
Cutting speed	100~500 strips/min
Cutting Size	2~300.00mm
Uncut sheet width	0~318mm

Urine Strip Cutter ModelHGS220L

The machine can cut urine analysis strip.



Parameter:

Power	90-250VAC 50/60HZ
Weight	25KG
Size	430*370*230mm
Accuracy	±0.05mm
Cutting speed	100-800 strips/min
Cutting Size	0.5~99.9mm
Uncut sheet width	0~130mm

Sensor cutter Model HGS220S

The machine can detect strip hole or pole and cut to strips with hole or pole in the middle.



Parameter:

Power	90-250VAC 50/60HZ
Weight	25KG
Size	430*370*230mm
Accuracy	±0.05mm
Cutting speed	100-500 strips/min
Cutting Size	0.5~99.9mm
Uncut sheet width	0~100mm

Auto cut strip cutter Model HGS260W



Auto cut strip cutter is a auto cut strip cutter.Only to put laminated sheet into feed bin,the machine itself can automatically cut finial strips.

Parameter:

Power	90-250VAC 50/60HZ
Weight	48KG
Size	810×470×460 mm
Accuracy	±0.05mm
Cutting speed	100~500 strips/min
Cutting Size	2~9.9mm
Uncut sheet width	0~100mm

Glass fiber pretreat machine Model HGS801



Glass fiber immersion machine is used to pretreat all kinds of raw material.The machine can automatically soak, automatically draw liquid, and squeeze out excess liquid and discharge

Parameter:

Power	90-250VAC 50/60HZ
Weight	26KG
Size	470x540x370mm
Width	20-320mm
Length	≥220mm
Thickness	0-1.2mm
Speed	5-110mm/s

Sheet Slitter Model HGS402

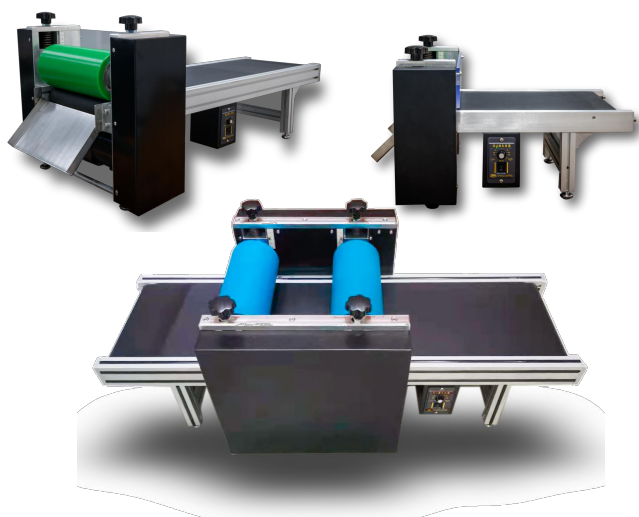


Cut raw material into specific length sheet, such as sample pad, conjugate pad and absorbent pad

Parameter:

Power	90-250VAC 50/60HZ
Weight	52KG
Cutting speed	1200sheets /hour
Size	MAX 320mm
Accuracy	0.003mm

Cassettes Presser



For easy assembling top and bottom component plastic housings of Rapid test device

Parameter:

Power	90-250VAC 50/60HZ
Weight	30KG
Speed	0-10meter/min
Cassettes thickness	1.5-10mm
Belt length	0.9m(HGS802) 0.5m(HGS803)

Sheet presser Model HGS601



Macking all the material on sheets tighten.

Parameter:

Power	90-250VAC 50/60HZ
Weight	12KG
Size	450x357x305mm
sheets width	Max 80mm
Speed	Max 219.8mm/s
Pressure for upper roller	Pressure 0.2MPa, 9.5 KG

Materials

Absorbent pad	
FH-AN3	Gram weight:300.0±30.0g/m ² ; thickness:0.600±0.080mm water absorption:≥800g/m ² ; Size:24*30cm
FH-S073	Gram weight:370.0±10.0g/m ² ; thickness:0.950±0.10mm water absorption750±100 g/m ² ; Size:20*30cm
FH-S072	Gram weight:270.0±10.0g/m ² ; thickness:0.680±0.05mm water absorption500±100 g/m ² ; Size:20*30cm
Glass fiber	
FH-ZB08	thickness0.35±0.05mm; water absorption: 550±50 g/m ² Gram weight80±5 g/m ² ; velocity of flow 40±10 s/4cm; Size:20*30cm
FH-ZB06	thickness0.27±0.03mm; water absorption: 350±50 g/m ² Gram weight60±5 g/m ² ; velocity of flow 40±10 s/4cm; Size:20*30cm
FH-8975	thickness0.30±0.05mm; water absorption: 575±75 g/m ² Gram weight75±5 g/m ² ; velocity of flow 40±10 s/4cm; Size:20*30cm
FH-SP-Z07	thickness0.30±0.05mm; water absorption: 450±50 g/m ² Gram weight70±10g/m ² ; velocity of flow 35±5 mm/60s; Size:20*30cm
FH-SP-Z08	thickness0.35±0.05mm; water absorption: 550±50 g/m ² Gram weight80±10g/m ² ; velocity of flow 35±5 mm/60s; Size:20*30cm
FH-SP-Z09	thickness0.4±0.05mm; water absorption: 650±50 g/m ² Gram weight100±10g/m ² ; velocity of flow 35±5 mm/60s; Size:20*30cm
FH-ZB08	thickness0.35±0.05mm; water absorption: 550±50 g/m ² Gram weight80±5 g/m ² ; velocity of flow 40±10 s/4cm; Size:20*30cm
Polyester	
FH-LP78	thickness0.20±0.03mm; water absorption: 160±30 g/m ² Gram weight78±7 g/m ² ; velocity of flow 25±5 s/4cm; Size:20*30cm
FH-LP95	thickness0.30±0.03mm; water absorption: 220±30 g/m ² Gram weight95±10 g/m ² ; velocity of flow 25±5 s/4cm; Size:20*30cm