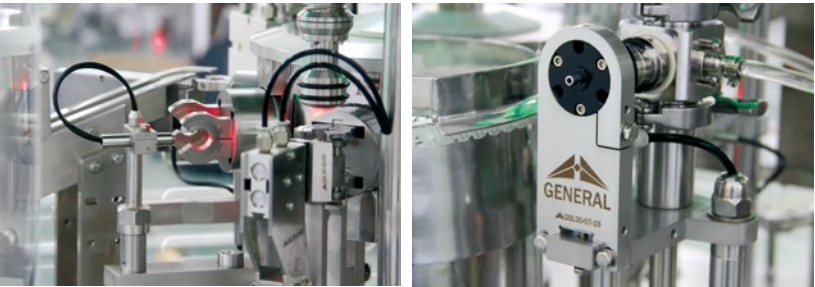


GSL30-1NA

塑料注射器组灌封流水线
Plastic syringe assembling-filling-closing
production line

主要技术参数 Main Technical Parameter	
适应药物 Suitable for	水剂，膏剂 Water-based, poultice viscous liquid
灌装量 Filling volume	0-50ml
灌装状态 Filling condition	亚真空灌装 sub-vacuum filling
灌装精度 Filling precision	± 1%
流水线速度 Production speed	2000-3200pieces/hour
注料针数 Filling needle	1 piece
总功率 Total power	5.5KW
外形尺寸（长 × 宽 × 高） Overall dimension (L × W × H)	A area :5100 × 1250 × 2300mm B area: 3200 × 1800 × 1800mm
单位重量 weight	≤ 900KG/m²



A 区本机功能及特点 A Station Functions and features

- 塑料注射器管提升
- 塑料注射器活塞与管体组装
- 组装有活塞的塑料注射器提升
- 药液灌装，加盖，旋盖，密封
- 灌装后的注射器码入托盘
- 以上设备有局部层流保护
- Loading syringes up into vibration disk
- Push syringe rubber into the syringe
- Loading the syringe within rubber up
- Filling ,putting cap ,screwing cap,sealing
- Put the filled syringe into box
- The above machines under protection of LAF Hood

B 区本机功能及特点 B Station Functions and features

- 注射器自动脱盘，上注射器
- 人工 3 倍放大大灯检，剔废
- 自动加注射器推杆，自动旋杆，贴标，打批号
- The syringe out of the box ,lifting
- The manual checking light magnify syringe in 3times ,and rejecting
- Put the syringe plunger in syringe ,screwing plunger ,labeling ,put batch number

GSL30-1NB

型塑料注射器灌装流水线

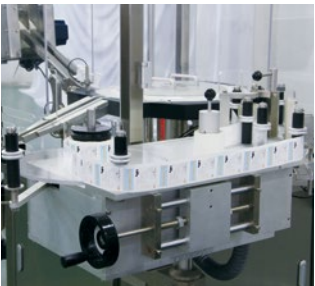
Plastic syringe filling production line machine



本机功能及特点 Functions and features

- 塑料注射器提升上管
 - 塑料注射器灌装封盖
 - 塑料注射器灌装后传输（A区至B区）
 - 塑料注射器贴标打码
- Loading plastic syringe
 - Syringes filling and closing
 - Syringes transport from A area to B area
 - Syringes labeling

主要技术参数 Main Technical Parameter	
适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
灌装状态 Filling condition	亚真空灌装 sub-vacuum filling
灌装适应量 Filling volum	5-50ml
灌装精度 Filling precision	± 1%
注料针数 Filling needle	1piece
流水线速度 Production speed	2000-3200pieces/hour
总功率 Total power	3.5KW
压缩空气 Compressed air	0.55-0.75mpa 20L/S
外形尺寸（长 × 宽 × 高） Overall dimension (L × W × H)	A area :2200 × 1000 × 2300mm B area : 1400 × 1450 × 1800mm
A区B区传输带共2条总长约 3000-4000mm The transport belt from A area to B ares is 3000-4000mm	
单位重量 weight	≤ 900kg/m²



GSL 30-1N

塑料注射器灌装加塞机

Syringe filling and closing machine for manual pharmaceutical



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
适合注射器容量 Syringe volume	0.5-100 ml
灌装范围 Filling volume	0.05-100 ml
灌装精度 Filling accuracy	≤ ±0.3%
注射针数量 Filling nozzles	1 支 (Pc))
速度 speed	1800-3000 支 / 小时 (Pcs/hour)
主机总功率 Total power	2.1 Kw
压缩空气 Compressed air	0.55-0.75Mpa 20L/S
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1200 × 800 × 1800 mm
主机质量 Weight of basic machine	750Kg



本机功能及特点 Functions and features

- 自动理注射器。
- 自动加注射器。
- 自动注料。
- 自动理盖。
- 自动加盖。
- 可选配层流罩
- 本机可单机使用 ,也可与贴标机组线使用。
- To sort syringes automatically.
- To load syringes automatically.
- To fill automatically.
- To sort tip caps automatically.
- To put tip caps automatically.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line with labeling machines.

G10-S

实验室用预灌封注射器灌装加塞机

Prefillable syringes filling and closing machine for a lab



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
适合注射器容量 Syringe volume	0.5、1、1.5、2.25、3ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	1支 (Pcs)
速度 Speed	300-600支 / 小时 (Pcs/hour)
主机总功率 Total power	0.8 Kw
压缩空气 Compressed air	0.55-0.75 Mpa 10L/S
真空系统 Vacuum system	水剂适用的机器，无须真空泵 Machine for water-based solution, no need vacuum pump. 粘稠药液适用的机器，需外接 6x10 ⁻² Pa 15L/S 真空源 Machine for poultice, viscous liquid, gel, 6x10 ⁻² Pa 15L/S vacuum is required.
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	480 × 480 × 950 mm
主机质量 Weight of basic machine	130 Kg

本机功能及特点

Functions and features

- 手工单支上注射器。
- 自动随动注料，自动真空加塞（外配真空泵）。
- To load syringe one piece one time by hand.
- Automatically plug-in type filling, to insert stoppers under vacuum condition (equipped with a set of vacuum pump) automatically.

G20-S

实验室用预灌封注射器灌装加塞机

Syringes filling and closing machine used for the laboratory



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
适合注射器容量 Syringe volume	0.5、1、1.5、2.25、3、5、10ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	1支 (Pcs)
速度 Speed	300-700支 / 小时 (Pcs/hour)
主机总功率 Total power	1 Kw
压缩空气 Compressed air	0.55-0.75 Mpa 10L/S
真空系统 Vacuum system	水剂适用的机器，无须真空泵 Machine for water-based solution, no need vacuum pump. 粘稠药液适用的机器，需外接 6x10 ⁻² Pa 15L/S 真空源 Machine for poultice, viscous liquid, gel, 6x10 ⁻² Pa 15L/S vacuum is required.
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	540L × 540W × 1200H
主机质量 Weight of basic machine	200kg

本机功能及特点

Functions and features

- 手工 10 支上注射器
- 自动随动注料，自动真空加塞（外配真空泵）。
- To load syringe 10 pieces one time by hand.
- Automatically plug-in type filling, to insert stoppers under vacuum condition (equipped with a set of vacuum pump) automatically.

G30-S

实验生产用于预灌封注射器全自动灌装加塞机

Glass syringe filling and closing machine
used for Laboratory



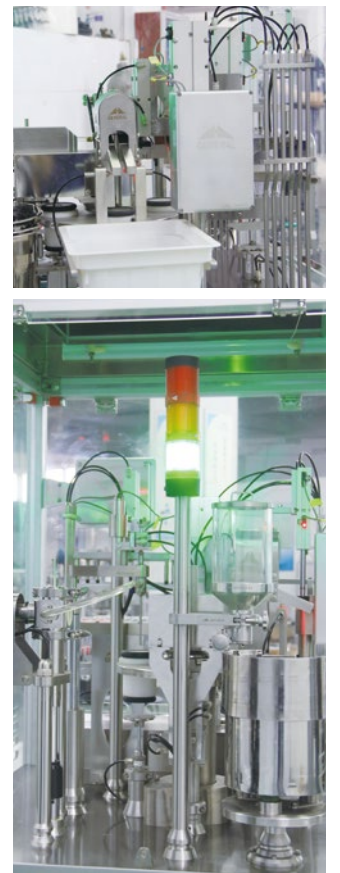
主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
适合注射器容量 Suitable for syringe volume	0.5ml,1ml,2.25ml,3ml,5ml,10ml,20ml
灌装精度 Filling precision	$\leq \pm 0.3\%$
灌装针 Filling needle	1 piece
生产速度 Production speed	600-1000 pieces/hour
总功率 Total power	3.0KW
压缩空气 Compress air	0.55-0.75mpa 15L/S
真空系统 Vacuum system	水剂适用的机器，无须真空泵 Machine for water-based solution, no need vacuum pump. 粘稠药液适用的机器，需外接 6x10 ⁻² Pa 15L/S 真空源 Machine for poultice, viscous liquid, gel, 6x10 ⁻² Pa 15L/S vacuum is required.
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	750 × 750 × 1600 750 × 750 × 2100 (put the LAF Hood above)

本机功能及特点

Functions and features

- 手工上注射器蜂巢盒
- 手工撕纸去膜
- 自动脱巢
- 自动喂管
- 自动灌装
- 自动吸真空加塞
- 自动出管
- 体积小，结构紧凑
- 自动化程度高
- Put the syringes nest by hand
- Tear the paper in the nest by hand
- Syringes out of nest automatically
- Syringe putting in the cup automatically
- Filling the liquid into syringe automatically
- Put rubber into syringe in vacuum condition automatically
- Syringe out of machine automatically
- Machine size is small and the construct is smart
- Most of the process finished by machine automatically



GPZ30-1N

玻璃预灌封注射器真空灌装加塞机

Prefillable glass syringes vacuum filling and closing machine



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
适合注射器容量 Syringe volume	0.5; 1; 1.5; 2.25; 3; 5; 10; 20ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	1 支 (Pc)
速度 Speed	900-1200 支 / 小时 (Pcs/hour)
主机总功率 Total power	2.7 Kw
压缩空气 Compressed air	0.55-0.75 Mpa 20L/S
外配真空泵 Vacuum pump	6X10 ⁻² Pa 15L/S 1.5Kw
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1200 × 9500 × 1800 mm
主机质量 Weight of basic machine	650 Kg



本机功能及特点

Functions and features

- 手工上注射器盒。
- 自动脱巢，自动盒分离。
- 自动上管，分管入杯。
- 自动随动注料，自动真空加塞（外配真空泵）。
- 灌装后的液体及注射器内无气泡。
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。
- To load syringe tubs by hand.
- Automatically unloading of the nest with syringes from the tub, automatically push away the tubs.
- Automatically loading the syringes to the machine from the nest.
- Automatically plug-in type filling, to insert stoppers under vacuum condition(equipped with a set of vacuum pump) automatically.
- No air bubbles inside the filled syringes
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line.

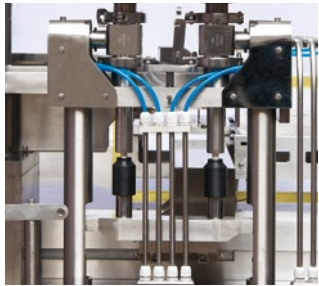
GZS50-2N

玻璃预灌封注射器高速真空灌装加塞机
Prefillable glass syringes high speed and vacuum filling and closing machine



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂与膏剂 Suitable for water-base and poultice viscous liquid
注射器容量 Syringe volume	0.5; 1; 1.5; 2.25; 5; 10; 20ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	2 支 (Pcs)
速度 Speed	900-2600(支 / 小时) (Pcs/hour))
主机总功率 Total power	3.0 Kw
压缩空气 Compressed air	0.55-0.75 Mpa 20L/S
外配真空泵 Vacuum pump	6X10 ⁻² Pa 15L/S 1.5Kw
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1250 × 1300 × 1800 mm
主机质量 Weight of basic machine	680 Kg



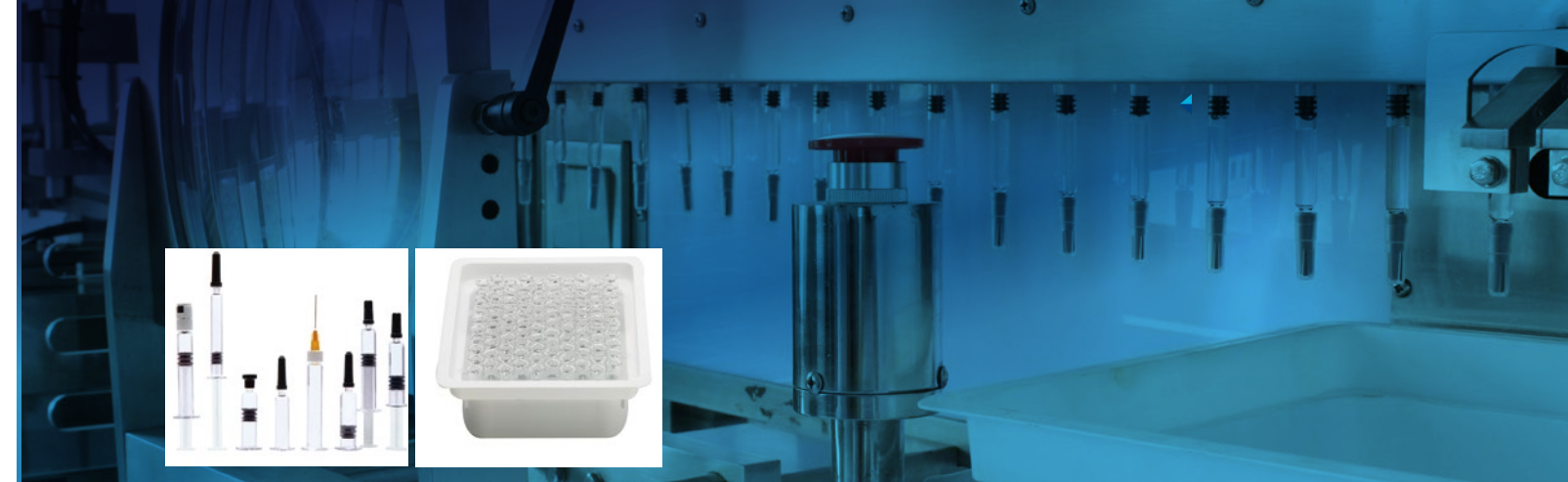
本机功能及特点 Functions and features

- 手工将带有注射器的巢盘装入托盘。
- 自动移动托盘，自动随动注料，自动真空加塞（外配真空泵）。
- 灌装后的液体及注射器内无气泡。
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。
- Manually unloading of the nest with syringes from the tub,manually loading the nest with syringes to the tray.
- Automatically loading the syringes to the machine from the nest,automatically plug-in type filling, to insert stoppers under vacuum condition(equipped with a set of vacuum pump) automatically.
- No air bubbles inside the filled syringes.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line.

GS50-2N

玻璃预灌封注射器灌装加塞机

Prefillable glass syringes high speed and non-vacuum filling and closing machine



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂 Suitable for water-based liquid
适合注射器容量 Syringe volume	0.5; 1; 1.5; 2.25; 5; 10; 20ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	2 支 (Pcs)
速度 Speed	1200-3900(支 / 小时) (Pcs/hour))
主机总功率 Total power	3.0 Kw
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1250 × 1300 × 1800 mm
主机质量 Weight of basic machine	650 Kg

本机功能及特点 Functions and features

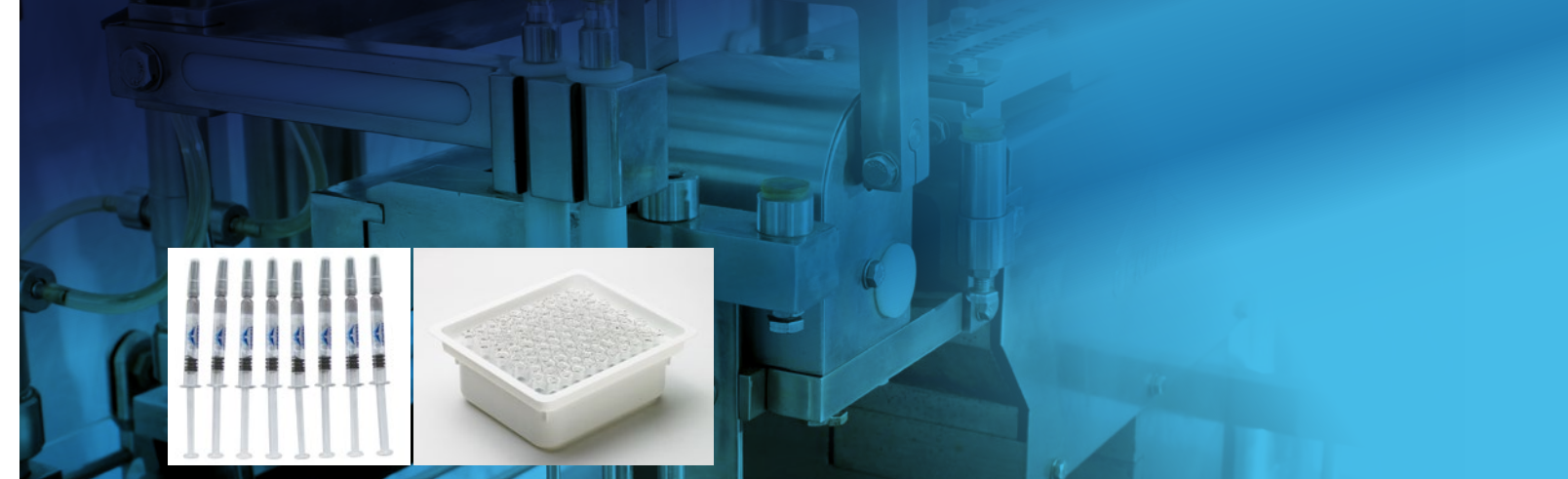
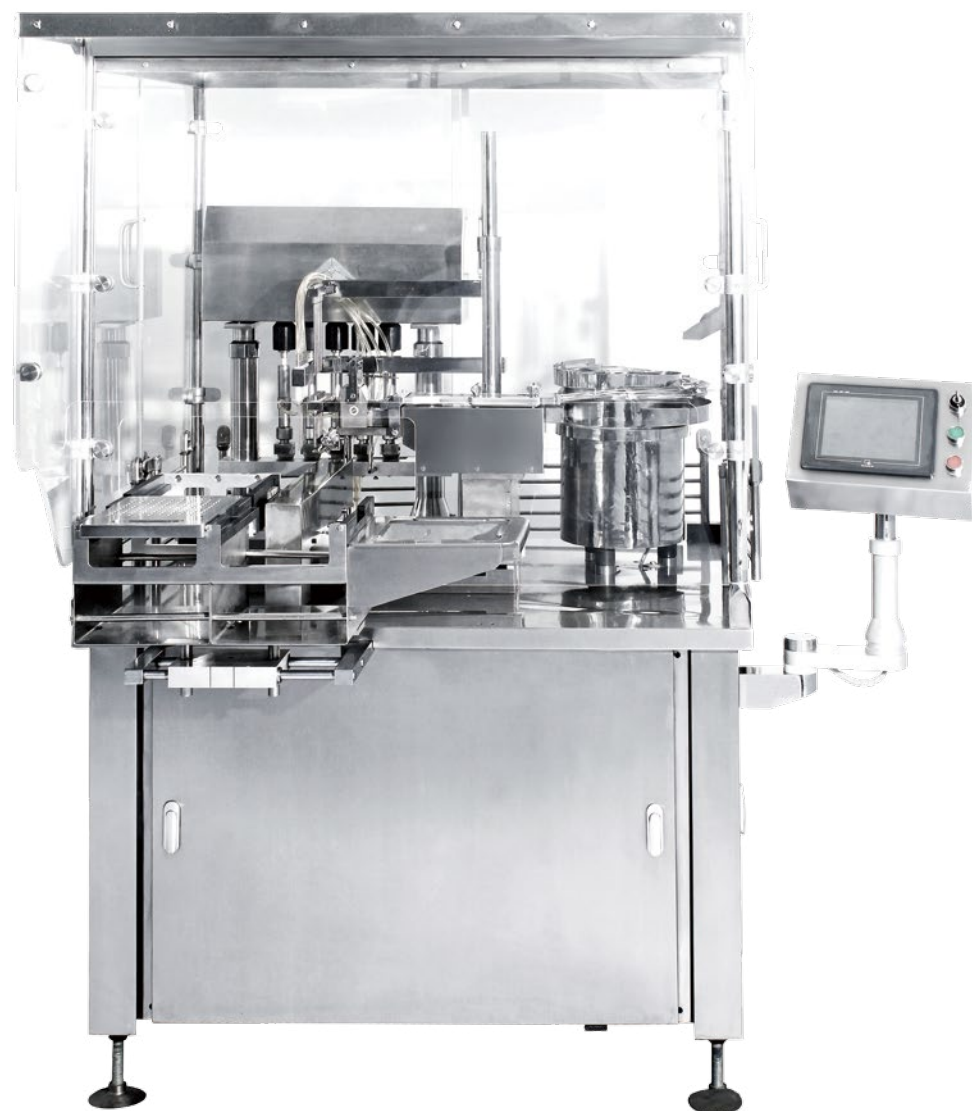
- 适合液体
- 手工将带有注射器的巢盘装入托盘
- 自动移动托盘，自动随动注料，自动加塞。
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。
- Manually unloading of the nest with syringes from the tub,manually loading the nest with syringes to the tray.
- Automatically loading the syringes to the machine from the nest,automatically plug-in type filling, automatically stoppers inserting.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line.



GS100-5N

玻璃预灌封注射器灌装加塞机

Prefillable glass syringes high speed and non-vacuum filling and closing machine



主要技术参数 Main Technical Parameter

适应药物 Suitable for	适应水剂 Suitable for water-based liquid
适合注射器容量 Syringe volume	0.5; 1; 1.5; 2.25; 5; 10; 20ml
灌装精度 Filling accuracy	≤ ±0.3%
注料针数量 Filling nozzles	5 支 (Pcs)
速度 Speed	3000-9600(支 / 小时) (Pcs/hour)
主机总功率 Total power	3.0 Kw
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1250 × 1300 × 1800 mm
主机质量 Weight of basic machine	670 Kg

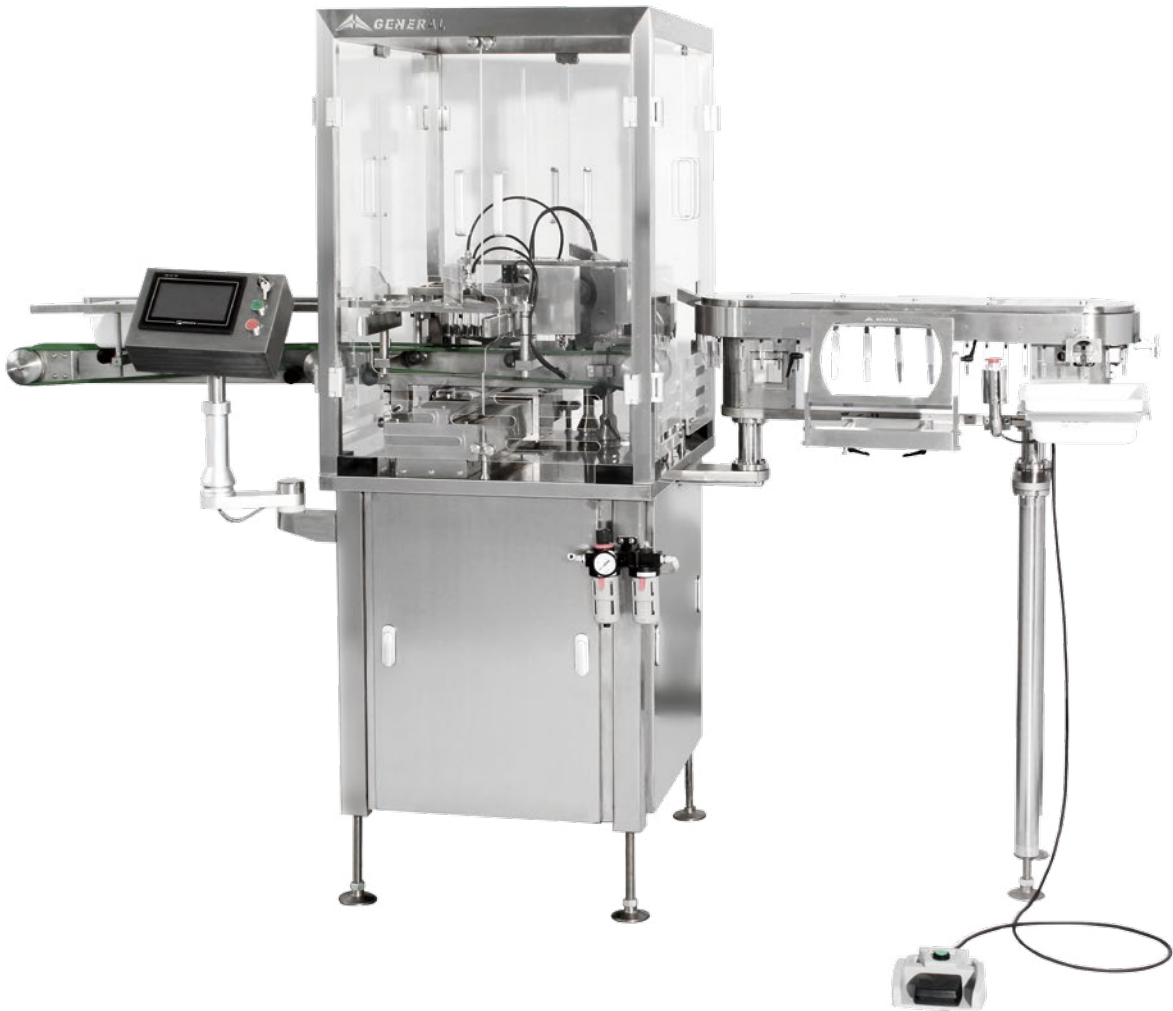
本机功能及特点 Functions and features

- 手工将带有注射器的巢盘装入托盘
- 自动移动托盘，自动随动注料，自动加塞。
- 适合 TK 剂药物
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。
- Manually unloading of the nest with syringes from the tub, manually loading the nest with syringes to the tray.
- Automatically loading the syringes to the machine from the nest, automatically plug-in type filling, automatically stoppers inserting.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line.



GSG50 & GD3

GSG50 型预灌封注射器上管机和 GD 3 型人工灯检机
GSG50 prefillable syringe loading machine & GD3 manual visual inspection machine



将灌装加塞后的预灌封注射器自动上管并进行人工灯检。
Automatically loading the filled and closed syringes and do the manual visual inspection.

主要技术参数 Main Technical Parameter	
适合注射器容量 Syringe volume	所有规格
镜头放大率 Magnifier	2.5 倍 / X
速度 Speed	1200~3600(支 / 小时) (Pcs/hour)
主机总功率 Total power	1.0 Kw
压缩空气 Compressed air	0.55~0.75 Mpa 20L/S
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	2558 × 850 × 1800 mm
主机质量 Weight of basic machine	840 Kg

G05 型人工灯检机，一次检 5 支管速度为：2500~4500 支 / 小时



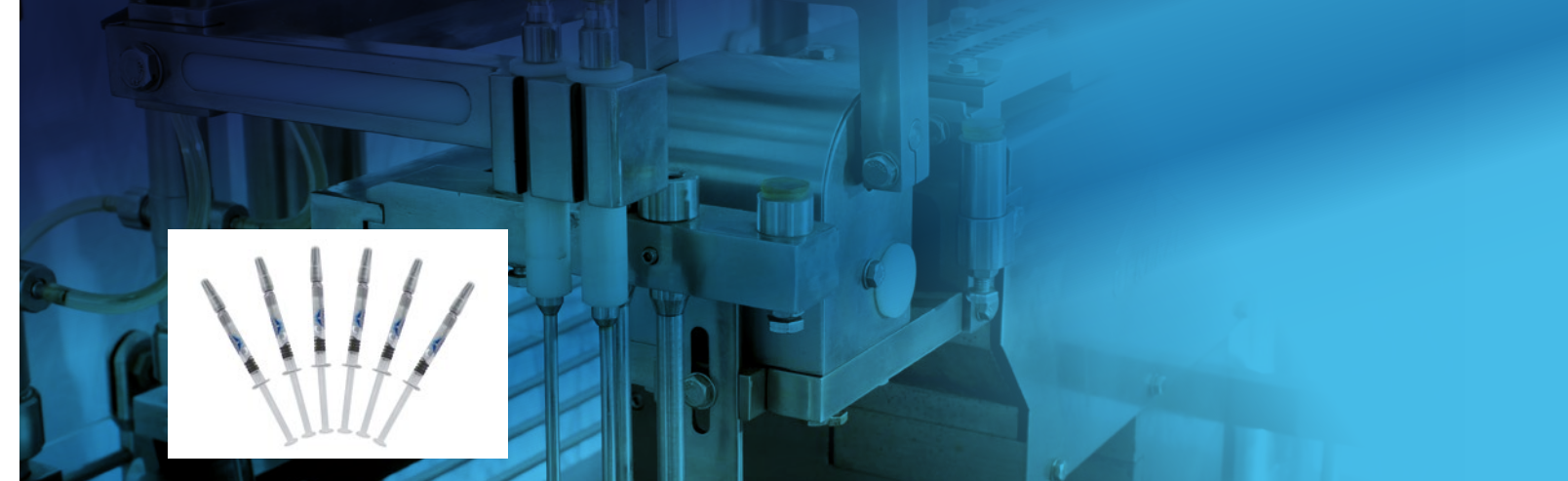
本机功能及特点 Functions and features

- 手工上注射器盒，自动脱巢上管。
- 注射器自动旋转，在放大镜下进行人工灯检，点动剔废。
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。在流水线中，本机的上一台设备是预灌封注射器灌装加塞机，下一台设备是预灌封注射器旋杆贴标机。
- To load syringe tubs by hand,automatically unloading of the nest with syringes from the tub, automatically loading the filled and closed syringes to the machine.
- The filled and closed syringes rotate automatically, the visual inspection is to be done under a magnifying glass, the unqualified syringes is to be kicked out.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line. In the prodction line, the machine before this machine is prefillable syringes filling and closing machine, the machine after this machine is plunger rod screwing and labeling machine for filled and closed syringes.

GPS100-1A

注射器旋杆贴标机

Plunger rod screwing and labeling machine for filled and closed syringes



适合对预灌封注射器及非标塑料注射器进行加杆和贴标。
To screw plunger rods to filled and closed syringes and place labels.

主要技术参数 Main Technical Parameter

注射器容量 Syringe volume	任意规格 Any size
贴标精度 Labeling accuracy	≤ ± 0.2mm
速度 Speed	1200~3600 支 / 小时 (Pcs/Hour)
总功率 Total power	3.2Kw
压缩空气 Compressed air	0.55~0.75Mpa 20L/S
外形尺寸 (长 × 宽 × 高) Overall dimension (L × W × H)	1900 × 1300 × 1800 mm
主机质量 Weight of basic machine	750Kg

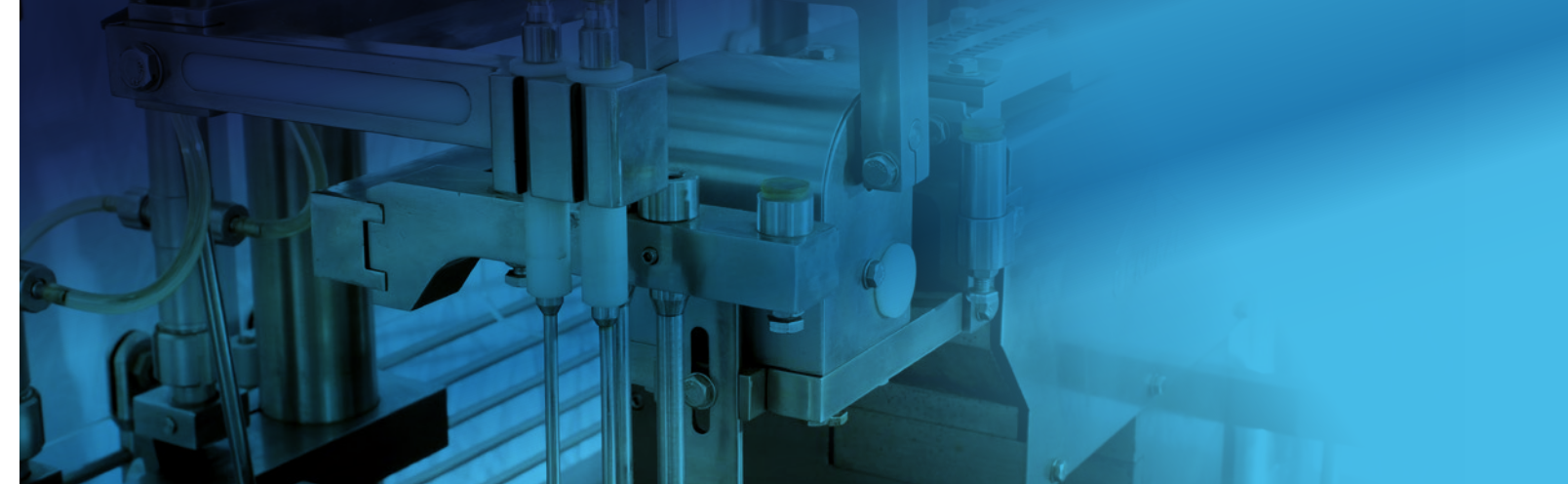


本机功能及特点 Functions and features

- 自动上灌装加塞后的注射器，自动上推杆，自动旋推杆，自动贴标。
- 可选配层流罩。
- 本机可单机使用，也可组成整套流水线。
- Automatically loading the filled and closed syringes to the machine, automatically loading plunger rods, automatically screw plunger rods to the syringes, automatically place labels to the filled and closed syringes with plunger rods.
- Can be equipped with LAF hood.
- This machine can be used as a individual machine, it can also form a multifunctional production line.

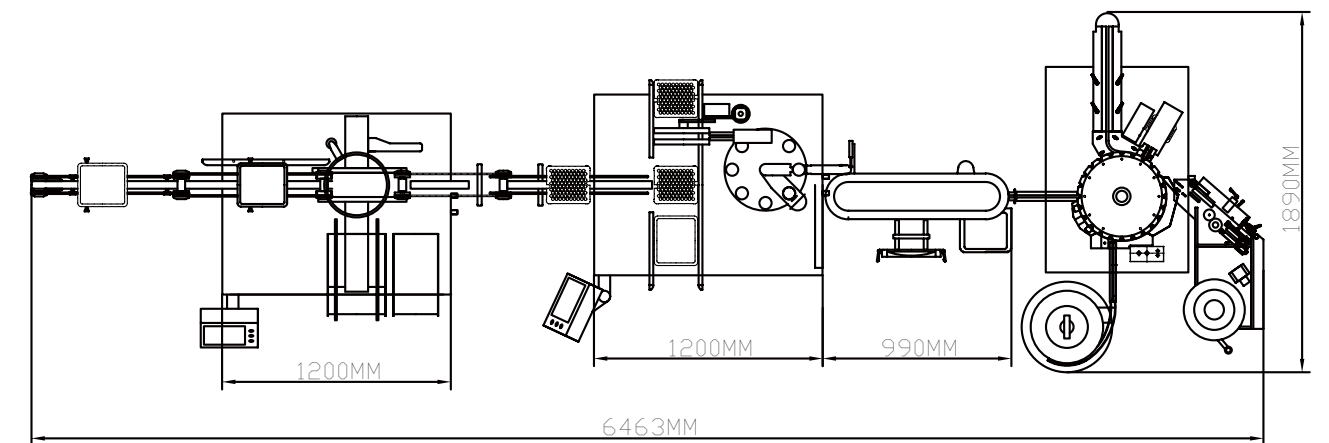
预灌封流水线组合

Multifunctional production line for prefillable syringes



本公司提供以下预灌封注射器相关设备及流水线定制

Our company accepts orders for prefillable syringes filling and closing machines and multifunctional production lines on request.



本公司提供兽药注射器高速灌装流水线专业定制

Our company accepts orders for high speed syringe filling and closing machine for veterinary pharmaceutical on request.

流水线组成:

GL8 型高速理管机

GGL 蛟龙高速上管机

GSL100-8N 兽药注射器高速灌装机

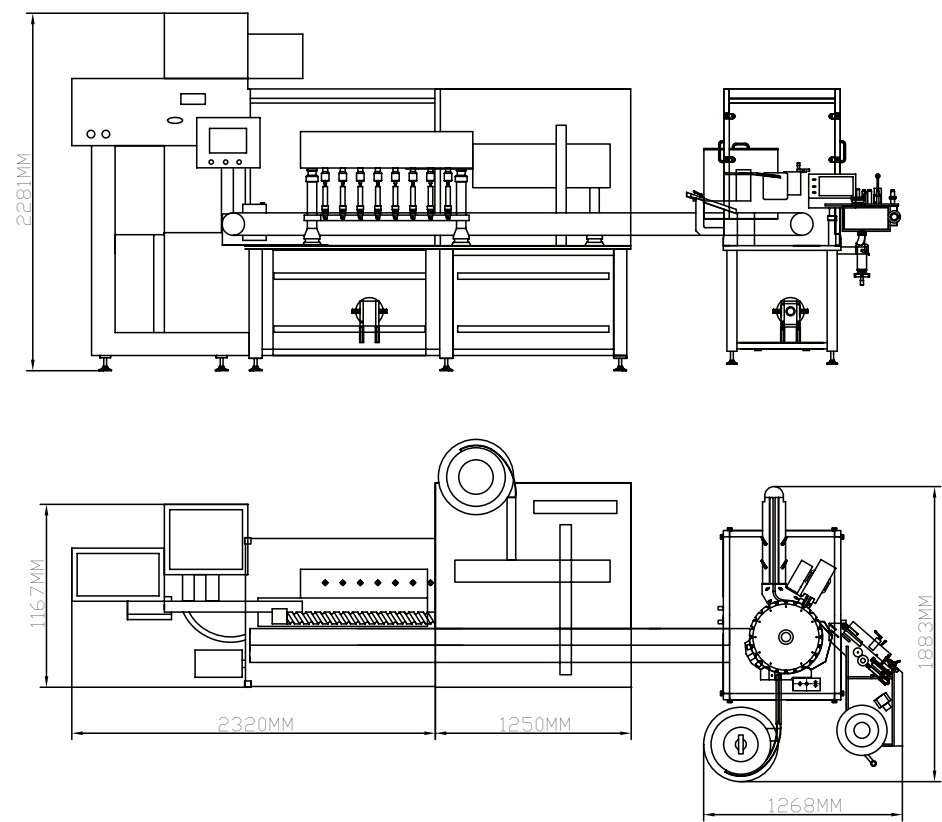
GPS100-1A 注The multifunctional production line consists of the following machines:

GL8 high speed syringes sorting machine

GGL high speed syringes feeding machine

GSL100-8N syringe filling and closing machine for veterinary pharmaceutical

GPS100-1A plunger rod screwing and labeling machine for filled and closed syringes.



本机功能及特点

Functions and features

我们可以根据客户的注射器进行个性化定制，流水线速度为 10000---15000 支 / 小时，灌装精度。
≤ ± 0.3%.

We accepts orders for high speed syringe filling and closing machine for veterinary pharmaceutical on request. The speed of the multifunctional production line is 10000---15000pcs/hour,the filling accuracy is ≤±0.3%.