



包装更科技 包装更精彩

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The information contained in this brochure is subject to change without notice. Welcome to consult our company.



药品智能包装整体解决方案

INTELLIGENT  
PACKAGING  
SOLUTION



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Stock abbreviation: Hengli Packing Stock code: 871060

证券简称: 恒力包装 证券代码: 871060

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## COMPANY INTRODUCTION

### 企业简介



包装更科技 包装更精彩



Nantong Hengli Packing Technology Co.,Ltd (NICETY) has the top-ranking overall packaging system integration capacity, provide design, manufacture, installation and commissioning services in accordance with GMP requirements, and provide a complete set of reliable verification support documents. Major business include pharmaceutical, biological, food and other industries packaging originality and packaging materials, packaging process and technology, packaging equipment assembly line and packaging system engineering.

The company has more than 50 national patents and provincial and municipal scientific research results, and 9 software copyrights. Most products get the CE certification of the EU.

公司拥有一流的整体包装系统集成能力，可按照GMP要求进行设计、制造、安装、调试及服务，并提供整套可靠的验证支持文件。主营业务涵盖了制药、生物、食品等行业的包装创意、包装材料、包装工艺和技术、包装设备流水线以及包装系统工程等。

公司是两项国家标准《电子数粒机》、《全自动电子数粒装瓶生产线》国家标准主要起草单位之一和六项行业标准《药品电子计数装瓶机》、《药瓶旋盖机》、《电子计数装袋机》、《药瓶干燥剂包塞入机》、《小丸灌装机》和《药瓶自动塞纸机》的修制订单位。

公司微丸电子数粒机、小丸自动灌装联动生产线、干燥剂塞入机和电子数粒装袋机等九个产品获得江苏省高新产品认定。

小丸自动灌装联动生产线和电子数粒灌装生产线被认定为省、市装备制造业重点领域首台（套）重大装备及关键部件。

公司拥有50多项国家专利和省市科研成果，及九项软件著作权。主要产品获得欧盟CE认证。

Since 2004, Nantong Hengli Packing Technology Co.,Ltd (NICETY) has been committed to the design and development of packaging equipment, production, installation, commissioning and after-sales service, to provide overall intelligent packaging technology solutions for domestic and foreign customers, in the pharmaceutical and food industries.

The company's products have covered all provinces of the country, and have been exported many times to the United States, France, Britain, Germany, Australia, Singapore, and Canada and other developed countries in dozens of countries and regions.

南通恒力包装科技股份有限公司自2004年创立以来，一直致力于包装设备的设计研发、生产制造、安装调试与售后服务，为包括制药、食品行业在内的国内外客户提供智能化的整体包装技术解决方案。

公司产品已覆盖全国各省，并多次出口包括美国、法国、英国、德国、澳大利亚、新加坡、和加拿大等发达国家在内数十个国家和地区。

In September 2017, we have obtained the certificate of ISO9001:2015 quality management system.

The "Nantong Hengli counting and packing engineering technology research center" established by the company is the municipal engineering technology center, it is the only research organization in China with the core of counting and packing technology, and there are also few in international.

2016年10月，经江苏省教委批复设立企业研究生工作站。

2016年年底被认定为高新技术企业。

2017年9月获得ISO9001:2015质量管理体系认证证书，

2017年10月获得了国家国标GB/T29490-2013知识产权管理体系证书。

# AUTHORIZED PATENTS

## 授权专利

6 项

6 Invention Patents

发明专利

31 项

31 Utility Model Patents

实用新型专利

2 项

2 Industrial Design Patents

外观设计专利

9 件

9 Software Copyrights

软件著作权



# COOPERATIVE PARTNER

## 合作伙伴

篇幅有限，未能全部列出，排名不分先后。



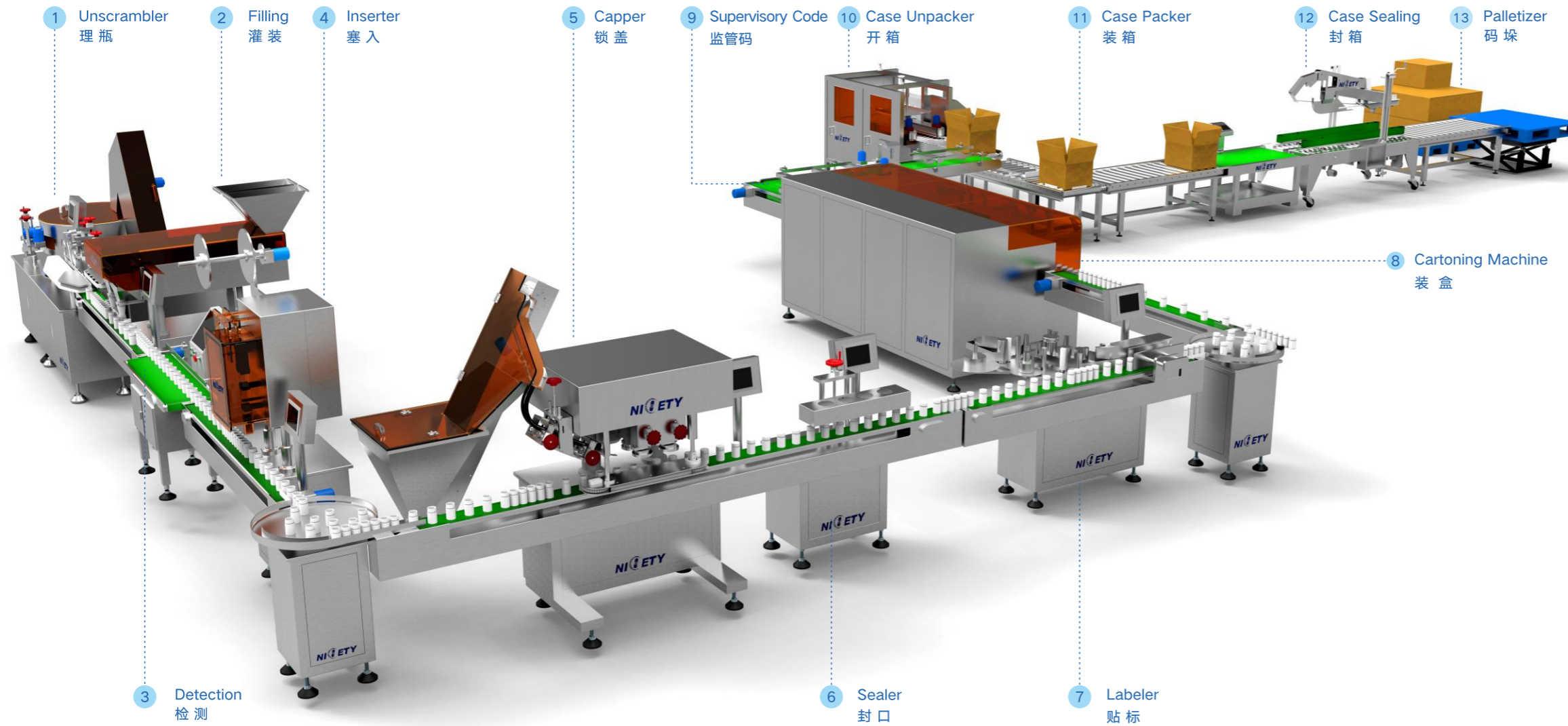
### Thanks to all the customers!

感谢所有客户!

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# Pharmaceutical Intelligent Packing Line

## 药品智能包装联动生产线



智能化整体包装  
技术解决方案



-   
capsules  
胶囊
-   
tablets  
片剂
-   
pills  
丸剂
-   
powder  
粉剂
-   
granule  
颗粒剂

**Application scope**  
应用范围

It widely used for measuring and packing capsules, tablets, pills, powder, and most of solid granules in pharmaceutical and health care industries.

适用于药品、保健品行业胶囊、片剂、丸剂、粉剂、颗粒剂等产品的计量包装。

<b>Standardization</b>	<b>规范性</b>	Meet the requirements of GMP standards.	符合GMP
<b>Economical Efficiency</b>	<b>经济性</b>	Smart structure and occupy small space.  Only need 2-3 operators.  Low energy consumption.  Low maintenance cost.	结构精巧、占地面积小  操作人员只需2-3人  低能耗  低维保成本
<b>Progressiveness</b>	<b>先进性</b>	Fully intelligent control.  Intelligent on-line detection.	全线智能联控  在线智能检测

# 料

## Feeding System

### 供料系列

**SL-1 Bottle Feeder**

SL-1 上瓶机

**SL-2 Vacuum Feeder**

SL-2 真空上料机

**SL-3 Type Z Feeder**

SL-3 Z型提升机

## SL-1 Bottle Feeder

### SL-1 上瓶机

Used for lifting and feeding bulk bottles to downstream working station. Support to work with unscrambler and bottle washing machine.

可将无序的瓶子自动输送到下位设备，与理瓶机、洗瓶机等配套使用。

✓ Universal wheel design, easy to move.  
万向轮，移动方便。

✓ Closed design: Anti pollution, stable and safety.  
封闭式设计：防污染，不飞瓶，安全性高。

✓ Large storage, reduce the burden of workers.  
储料仓存储量大，减轻工人负担。



SL-1	200L	AC 220v 50 Hz	0.15 kW	1800 mm 820 mm 1800 mm
Model 型号	Hopper volume 料仓容积	Voltage 电压	Power 功率	Size 外形尺寸

## SL-2 Vaccum Feeder

### SL-2 真空上料机

Used for feeding powder, pills and most of solid granules.

可实现对粉剂、散剂、丸剂等固体物料的输送。

Start feeding automatically with the filling machine.

上料开启与配套设备联动。

Application scope

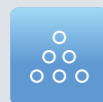
应用范围



powder  
粉剂



pulvis  
散剂



granule  
颗粒物

Best choice of

the automatic feeder for filling machines

灌装机自动上料的首选设备



SL-2

According to filling machine or customized  
根据客户需求和配套设备确定具体数值

AC 220v  
50 Hz

1.5 kW

0.6Mpa

Model  
型号

Feeding Volume  
输送量

Voltage  
电压

Power  
功率

Compressed Air Supply  
气源

## SL-3 Type Z Feeder

### SL-3 Z型提升机

Strong compatibility and adaptability to material size and hardness.

对物料大小、软硬的兼容性和适应性较强。

No extrusion and collision between the materials, no damage to the materials.

无需用斗挖料,物料之间无挤压和碰撞现象,不损伤物料。

Application scope

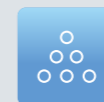
应用范围



powder  
粉剂



pulvis  
散剂



granule  
颗粒物



pills  
丸剂



capsules  
胶囊



tablets  
片剂



SL-3

≈40L

AC 220v  
50 Hz

0.8 kW

Model  
型号

Hopper volume  
料仓容积

Voltage  
电压

Power  
功率



瓶

# Unscrambler

## 供瓶系列

执行标准

Executive Standard  
《JB/T20065.2—2014》

### SP-1 Turn Table

SP-1 送瓶机

### SP-2 Screw-driving Turn Table

SP-2 螺杆送瓶机

### LP-1 Bottle Unscrambler

LP-1 全自动理瓶机

### LP-2 High Speed Multi-function Bottle Unscrambler

LP-2 高速多功能理瓶机

### XP-1 Bottle Washing Machine

XP-1 洗瓶机

## SP-1 Turn Table

### SP-1 送瓶机

Operators put the upwards bottles on the turn table, bottle feeding system deliver the bottles to the conveyor automatically and orderly.

人工将瓶子瓶口朝上放在送瓶盘上，送瓶机构会自动有序将瓶子输送到送瓶轨道上。

- ✓ Used for various of materials (Plastic, glass, ceramic, metallic) of round bottles, squared bottles, flat bottles. Best choice for larger bottles, jars, and glass bottles. 各种材质（塑料、玻璃、瓷、金属）的圆形瓶、方瓶、扁方瓶，较大瓶、罐子和玻璃瓶的首选。
- ✓ Special applicable to low capacity production line. 适用瓶型规格多，产能较低的生产线。
- ✓ Easy to operate, no changing parts. 更换瓶子方便，无需更换模具。



SP-1

80 BPM  
80瓶/分钟

AC 220v  
50 Hz

0.2 kW

1050 mm  
700 mm  
1200 mm

Model  
型号

Max Capacity  
最大输送速度

Voltage  
电压

Power  
功率

Size  
外形尺寸

## SP-2 Screw-driving Turn Table

### SP-2 螺杆送瓶机

Operators put the upwards bottles on the turn table, bottle feeding system send the bottles to the conveyor automatically and orderly.

人工将瓶子瓶口朝上放在送瓶盘上，送瓶机构会自动有序将瓶子输送到送瓶轨道上。

- ✓ Used for various materials (Plastic, glass, ceramic, metallic) of round bottles, squared bottles, flat bottles.  
各种材质（塑料、玻璃、瓷、金属）的圆形瓶。

- ✓ Best choice for smaller bottles, jars, and glass bottles.  
较小瓶、罐子和玻璃瓶的首选。

- ✓ Suitable for single variety bottle, and the situation of unautomatic bottle handling.  
适合与产品瓶型单一，不能自动理瓶的情况。



SP-2

150 BPM  
150瓶/分钟

AC 220v  
50 Hz

0.4kW

1000 mm  
1000 mm  
900 mm

Model  
型号

Max Capacity  
最大输送速度

Voltage  
电压

Power  
功率

Size  
外形尺寸

## LP-1 Bottle Unscrambler

### LP-1 全自动理瓶机

Only need to pour bulk bottles into storage hopper, the unscrambling device deliver the bottles on the conveyor automatically and orderly.

只需将瓶子倒入料斗或者理瓶筒，即可自动将瓶子有序的输送到送瓶轨道上。

- ✓ Applicable for plastic round and squared bottles.  
适用于圆瓶、正方形瓶等塑料瓶。

- ✓ Bottle quantity control system, to avoid overdose and friction.  
理瓶筒内瓶量控制，避免瓶子过多和瓶子摩擦磨损。

- ✓ With inverted bottle, anti-bottle automatic detection and elimination function, to ensure no unqualified bottles go into downstream working step.  
具有倒瓶、反瓶自动检测-剔除功能，无倒瓶、反瓶进入后道工序。



LP-1

100 BPM  
100瓶/分钟

0.6Mpa  
150L/min

AC 220v  
50 Hz

0.15 kW

900 mm  
900 mm  
960 mm

Model  
型号

Max Capacity  
最大输送速度

Compressed Air Supply  
气源和耗气量

Voltage  
电压

Power  
功率

Size  
外形尺寸

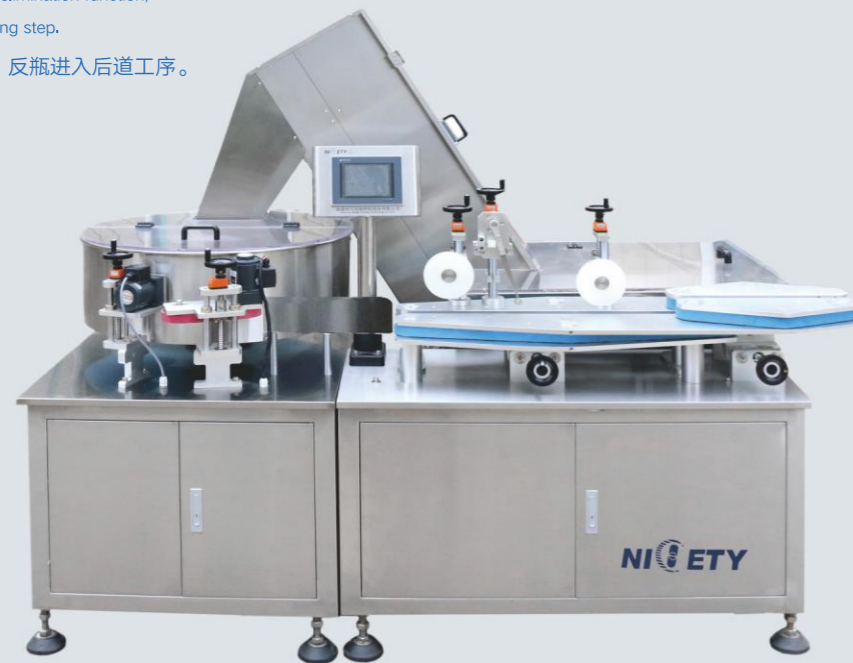
## LP-2 High Speed Multi-function Bottle Unscrambler

### LP-2 高速多功能理瓶机

Pour the bottles into the buffer hopper and the machine sort the bottles in upwards position and automatically transmitted to conveyor orderly.

将无序的瓶子倒入储瓶仓内，可快速将瓶子整理好，瓶子瓶口朝上有序被自动输送到送瓶轨道上。

- ✓ Used for various kinds of plastic round bottles, squared bottles, special-shaped bottles and tube bottles.  
适用各种塑料圆瓶、方瓶、扁方瓶、异型瓶、指管瓶等。
- ✓ Highly speed of output, can meet the requirement of high speed production line.  
出瓶速度快，可满足高速瓶装线的配套需要。
- ✓ Bottle quantity control system, to avoid overdose and friction.  
理瓶筒内瓶量控制，避免瓶子过多和瓶子摩擦磨损。
- ✓ Convenient replacement.  
更换品种方便。
- ✓ With inverted bottle, anti-bottle automatic detection and elimination function, to ensure no unqualified bottles go into downstream working step.  
具有倒瓶、反瓶自动检测-剔除功能，无倒瓶、反瓶进入后道工序。



<b>LP-2</b>	180 BPM 180瓶/分钟	0.6Mpa 150L/min	AC 220v 50 Hz	0.8 kW	2150 mm 1270 mm 1800 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## XP-1 Bottle Washing Machine

### XP-1 洗瓶机

Use clean air or water to clean the bottle automatically before filling.

利用洁净空气或纯净水自动对灌装前的瓶子进行清洗。

- ✓ Used to variety of bottles.  
适用多种规格的瓶型。
- ✓ Cyclotron structure to avoid bottle contamination.  
回旋结构，避免瓶子的污染。
- ✓ Stepless speed change, private servo synchronization control, Adopt star wheel structure of the bottle input and output position, run smoothly.  
无级变速、伺服同步控制，进出瓶采用星形轮结构，运行平稳。
- ✓ With inverted bottle, anti-bottle automatic detection and elimination function, to ensure no unqualified bottles go into downstream working step.  
具有倒瓶、反瓶自动检测-剔除功能，无倒瓶、反瓶进入后道工序。



<b>XP-1</b>	180 BPM 180瓶/分钟	水压 0.4Mpa 气源 0.6Mpa	AC 220v 50 Hz	2.5 kW	2400 mm 900 mm 1400 mm
Model 型号	Max Capacity 最大输送速度	Water Pressure Compressed Air Supply 水压 / 气源	Voltage 电压	Power 功率	Size 外形尺寸

# 灌

## Filling Machine

### 灌装系列

#### Electronic Counting & Filling Machine

##### 计数灌装设备

DJL-4Z Semi-automatic Electronic Tablets/  
Capsules Counting Machine

DJL-4Z 半自动电子数粒机

DJL-8/12/16/24/32/48 Electronic Tablets Counting Machine

DJL-8/12/16/24/32/48 电子数粒机

WJ-1 Dropping Pills Counting & Filling Machine

WJ-1 滴丸计数装瓶一体机

DJL-8Z Semi-automatic Electronic Tablets  
Counting Machine

DJL-8Z 半自动电子数粒机

DJL-W Mircopills Electronic Counting Machine

DJL-W 微丸电子数粒机

MP Effervescent Tablets Counting & Filling Machine

MP 泡腾片计数装管机

#### Weighing & Filling Machine

##### 称重灌装设备

ZH Multi-bucket Electronic Combination Scale

ZH 多斗电子组合秤

#### Powder Filling Machine

##### 粉剂颗粒灌装设备

FL Automatic Screw Powder Filling Machine

FL 全自动螺杆式粉剂灌装机

## Electronic Counting & Filling Machine

### 计数灌装设备

Executive Standard: 《GB/T 29020-2012》( Our company is the main unit )

《JB/T20019-2014》( Our company is the revision unit )

执行标准: 《GB/T 29020—2012》( 我公司为主要编制单位 )

《JB/T20019-2014》( 我公司为修订单位 )

High adaptability:

A pill with a minimum diameter 2.5mm.

Apply various type tablets, including special-shaped tablets.

Apply soft&hard capsules, transparent and translucent capsules.

计数适应性强:

①适用最小直径2.5mm的丸剂;

②适用各种形状的片剂, 包括异形片;

③适用软、硬胶囊, 透明、半透明胶囊。

Unique anti-high dust photoelectric sensing technology.(Optional)

独特的抗高粉尘光电传感技术。(选配)

Electrostatic eliminating technology.(Optional)

除静电专用技术。(选配)

Unique patent of bottle releasing technology: To avoid damaging materials and ensure the accuracy of bottling.

特有专利, 分瓶切换技术: 避免损伤物料, 保证装瓶准确。

Omni-directional automatic detection and alarm elimination mechanism: no bottles, abnormal dispensing(except the tabletop type), empty bottles(except tabletop type),etc., Automatically alarm and eliminate.

全方位自动检测报警剔除机构: 无瓶不数、分装异常(桌上型除外)、倒瓶(桌上型除外)等检测自动报警、剔除。



丸剂



素片



异型片



糖衣片



硬胶囊



软胶囊

#### 可与其他设备组成全自动联动包装生产线

Used for tablets/capsules counting and filling process. Can be connected as automatically packing line with the bottle unscrambler, bottler washer, inserter, capper, sealer, labeler, cartoner, neck bander and etc..



① Except the tabletop type . 桌上型除外。

## DJL-4Z Semi-automatic Electronic Tablets /Capsules Counting Machine (Tabletop Type)

DJL-4Z半自动电子数粒机 (桌上型)

Max Capacity 最大生产能力	30BPM 30瓶/分钟
Compressed Air Supply 气源和耗气量	无
Power Supply 电源和功率	AC220V 50Hz 0.5kW
Size 外形尺寸	1260 × 340 × 850mm



## DJL-8Z Semi-automatic Electronic Tablets Counting Machine (Tabletop Type)

DJL-8Z半自动电子数粒机 (桌上型)

Max Capacity 最大生产能力	30BPM 30瓶/分钟
Compressed Air Supply 气源和耗气量	无
Power Supply 电源和功率	AC220V 50Hz 0.5kW
Size 外形尺寸	1280 × 400 × 850mm



! The Capacity is related to the operator efficiency. 生产能力与人工效率有关

## Electronic Tablets Counting Machine

电子数粒机

### DJL-8



Max Capacity 最大生产能力	45BPM 45瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 50L/min
Power Supply 电源和功率	AC220V 50Hz 0.7kW
Size 外形尺寸	1400 × 1300 × 1700mm

### DJL-12



Max Capacity 最大生产能力	45BPM 45瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 50L/min
Power Supply 电源和功率	AC220V 50Hz 0.75kW
Size 外形尺寸	1400 × 1530 × 1700mm

### DJL-16



Max Capacity 最大生产能力	90BPM 90瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 100L/min
Power Supply 电源和功率	AC220V 50Hz 0.8kW
Size 外形尺寸	1900 × 1530 × 1700mm

! The production capacity is related to the variety and size of drugs, the shape and size of the medicine bottle 生产能力与药品品种、大小、药瓶形状规格和装量有关

## Electronic Tablets Counting Machine

### 电子数粒机

#### DJL-24



Max Capacity 最大生产能力	120BPM 120瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 120L/min
Power Supply 电源和功率	AC220V 50Hz 0.9kW
Size 外形尺寸	1900 × 1300 × 1700mm

#### DJL-32



Max Capacity 最大生产能力	130BPM 130瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 200L/min
Power Supply 电源和功率	AC220V 50Hz 1kW
Size 外形尺寸	1900 × 1300 × 1700mm

#### DJL-48



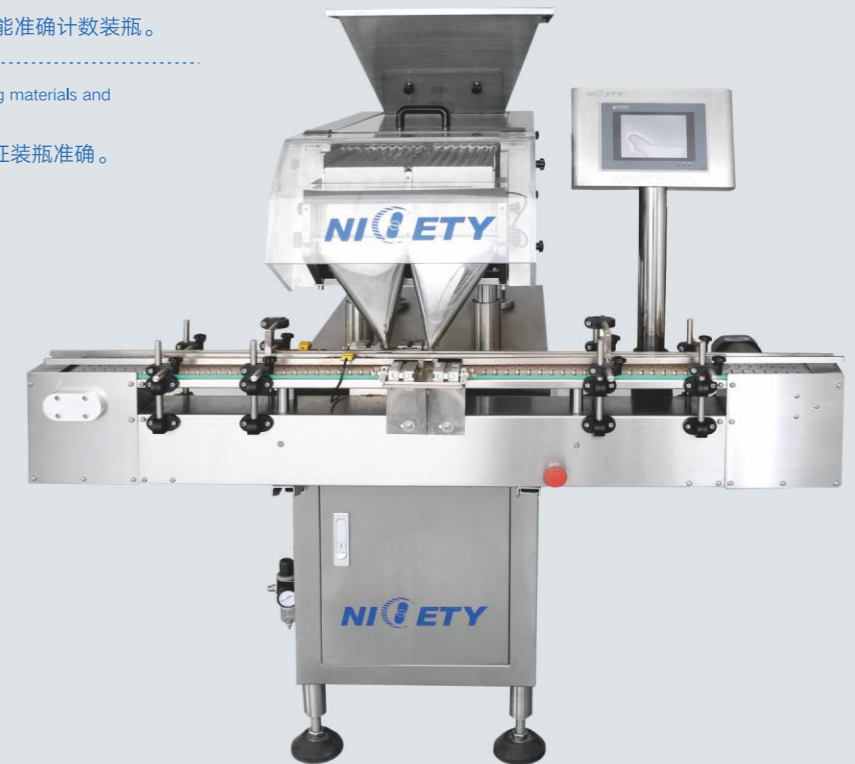
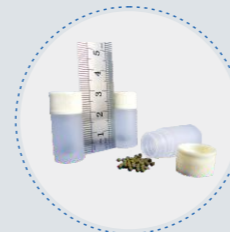
Max Capacity 最大生产能力	150BPM 150瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 200L/min
Power Supply 电源和功率	AC220V 50Hz 1.3kW
Size 外形尺寸	1500 × 1200 × 1700mm

## DJL-W Mircopills Electronic Counting Machine

### DJL-W 微丸电子数粒机

Used to the diameter 1.2mm-3mm pills counting and filling process. Can be connected as micropills automatically packing line with the bottle unscrambler, bottler washer, inserter, capper, sealer, labeler, cartoner, neck bander and etc. 专用于直径1.2mm-3mm微丸的自动计数、灌装、入瓶，可与理瓶机、锁盖机、封口机、贴标机、装盒机、热缩膜机等设备组成全自动微丸瓶包装生产线。

- ✓ Executive standard <JB/T 20057-2005> (Our company is the revision unit.)  
执行标准《JB/T 20057-2005》(我公司为修订单位)
- ✓ Bottleneck greater than  $\phi 8$ mm, The minimum volume is 2ml bottle can also count accurately.  
瓶口大于 $\phi 8$ mm、容积只有2ml的瓶子也能准确计数装瓶。
- ✓ Special bottle releasing tchnology: to avoid damaging materials and ensure the accuracy of bottling.  
特有的分瓶切换技术：避免损伤物料，保证装瓶准确。



DJL-W	100 BPM 100瓶/分钟	0.6Mpa 100L/min	AC 220v 50 Hz	1.2 kW	1400 mm 1300 mm 1700 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## WJ-1 Dropping Pills Counting & Filling Machine

### WJ-1 滴丸计数装瓶一体机

It is mainly used to pack the 2.5mm-5mm dropping pills, especially for special shaped bottles. Bottle unscrambling unit, counting and filling unit, capping unit processes can be done in one machine. Solve the problem of small workshop area, save labor, only need 1 person operation.

多用于直径2.5mm-5mm丸剂类药品的瓶包装，尤其是异形瓶和特小瓶。理瓶、计数装瓶、理盖、压盖（旋盖）在一台机器上自动完成。解决了车间面积小的难题，节约人工，仅需1人操作。



<b>WJ-1</b>	35 BPM 35瓶/分钟	0.6Mpa 100L/min	AC 220v 50 Hz	1.2 kW	1500 mm 1300 mm 1600 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## MP Effervescent Tablets Counting & Filling Machine

### MP 泡腾片计数装管机

Specially designed for the packaging of straight tube for effervescent tablets, the tablets can be packed in a straight tube with a set amount of the numbers.

特别为类似直管泡腾片的包装而设计。可将药片（泡腾片等类似的圆形平片）按照设定的装量，叠层码放，装入直管形瓶子。



<b>MP</b>	150 BPM 150瓶/分钟	0.6Mpa 300L/min	AC 220v 50 Hz	1.2 kW	1900 mm 2100 mm 1850 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## ZH Multi-bucket Electronic Combination Scale

### ZH 多斗电子组合秤

Used to quantitative measurement of packaging for the small granular products and bulk materials, such as traditional chinese medicine etc.,

适用于中药饮片及等较为均匀的小颗粒状产品和散状物料的定量计量包装

- ✓ Operate easily; adjust amplitude separately.  
操作简便：单独调节振幅。

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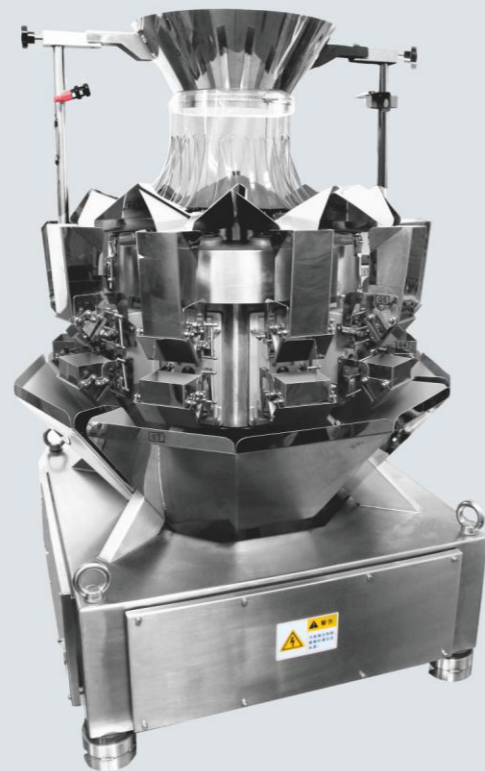
- ✓ To Avoid materials getting jammed: control weighing in turn.  
避免物料堵塞：控制称重依次放料。

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- ✓ Digital weighing module: a perfect combination of high precision and high speed.  
数字称重模块：高精度高速的完美结合。

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- ✓ Low maintenance cost: stepper motor drive modularization.  
维护成本低：步进电机驱动器模块化。



Type 型号	2斗秤	4斗秤	10斗秤	14斗秤
Measuring range 称重范围	10-6500g	3-6500g	3-6500g	3-6500g
Max Capacity 最大生产能力	30瓶/分钟 30 BPM	40瓶/分钟 40 BPM	80瓶/分钟 80 BPM	120瓶/分钟 120 BPM
Accuracy 精度	± 1-5g	± 0.3-3g	± 0.3-3g	± 0.3-3g
Power Supply 电源和功率	AC220V 50Hz 1kW		AC220V 50Hz 2kW	
Size 包装尺寸	1042 × 956 × 1395mm	1350 × 945 × 970mm	1120 × 1120 × 1220mm	1270 × 1220 × 1420mm

## FL Automatic Screw Powder Filling Machine

### FL 全自动螺杆式粉剂灌装机

Used to packing powder and granules which is used in the pharmaceutical industry. Automatic feeding, bottle positioning, filling and weighing. Used to be connected as automatically packing line with Bottle Unscrambler, inserter, induction sealing machine, labeling machine, cartoning machine and neck bander etc.,

适用于包装粉末、小颗粒药品、兽药、农药等粉末及小颗粒。

可完成自动上料、瓶子自动定位、充填及计量等工作，与理瓶机、洗瓶机、塞入机、锁盖机、封口机、贴标机、装盒机、热缩膜机等设备组成全自动联动包装生产线。



Type 型号	FL-1	FL-2
Filling weight 罐装重量	1 - 500g	
Filling Accuracy 罐装精度	≤100g, 2%; 100 - 500g, 1%	≤ 100g, ≤ ± 1.5%; 100 - 500g, ≤ ± 1%
Max Capacity 最大生产能力	40瓶/分钟 40 BPM	70瓶/分钟 70 BPM
Compress Air 气源和耗气量	0.6Mpa; 50L/min	0.6Mpa; 50L/min
Power Supply 电源和功率	AC220V 50Hz 1.2kW	AC220V 50Hz 2.0kW
Size 外形尺寸	1200 × 900 × 1930mm	1185 × 940 × 1930mm



# 塞入系列

## 塞入系列

### GS-D Desiccant Inserting Machine

GS-D 全自动袋状干燥剂（脱氧包）塞入机

### GS-Z Automatic Canister Dryer Inserting Machine

GS-Z 全自动柱状干燥剂塞入机

### SM-1 / SM-2 Cotton Inserter

SM-1 全自动塞棉机 / SM-2 全自动塞棉机

### TS-1 / TS-2 Paper Inserting Machine

TS-1 全自动塞纸机 / TS-2 全自动高速塞纸机

## GS-D Desiccant Inserting Machine

### GS-D 全自动袋状干燥剂（脱氧包）塞入机

执行标准 Executive Standard: 《JB/T20162-2014》（我公司为编制单位 Our company is the main unit）

Exclusively used in strip desiccants or deoxidation bags dispensing and filling process.

专用于袋状干燥剂或者脱氧包的入瓶。

- ✓ Used for various kinds of plastic round bottles, squared bottles, special-shaped bottles and tube bottles.  
各种材质的圆形、扁圆、方形、扁方形瓶等。
- ✓ Colormark / No colormark ; Strip Desiccants / Deoxidation bags /Durable cutter.  
有色标、无色标；袋状干燥剂、脱氧包。超耐用刀口。
- ✓ Follow-up design, perfectly adapt different shape and thickness of desiccant bags. Feeding stably.  
随动式设计自适应干燥剂袋的形状和厚薄，供料稳定。
- ✓ Easily adjust filling quantity of each bottle.  
干燥剂袋每瓶塞入包数可设置。
- ✓ Omni-directional automatic detection and alarm function: no bottle no filling. Automatic detection and alarm for failure bottling and material lacking.  
全方位自动检测报警功能：无瓶自动停机、干燥剂袋未入瓶自动检测报警、缺料自动检测报警。



GS-D	150 BPM 150瓶/分钟	0.6Mpa 100L/min	AC 220v 50 Hz	0.5 kW	1400 mm 750 mm 1780 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## GS-Z Automatic Canister Dryer Inserting Machine

### GS-Z 全自动柱状干燥剂塞入机

执行标准 Executive Standard: 《JB/T20162-2014》(我公司为编制单位 Our company is the revision unit.)

Used for automatically sorting, counting and filling canister dryers into bottles.

用于柱状干燥剂自动里料、计数和投放入瓶。

- ✓ Used for various kinds of plastic round bottles, squared bottles, and flat bottles.  
各种材质的圆形、扁圆、方形、扁方形瓶等。
- ✓ Easily adjust filling quantity of each bottle.  
干燥剂每瓶投放颗数可设置。
- ✓ Omni-directional automatic detection and alarm function: no bottle no filling, Automatic detection and alarm for material lacking.  
全方位自动检测报警功能：无瓶自动停机、缺料自动检测报警。



<b>GS-Z</b>	150 BPM 150瓶/分钟	0.6Mpa 100L/min	AC 220v 50 Hz	0.5 kW	1400 mm 800 mm 1700 mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## SM-1 / SM-2 Cotton Inserter

### SM-1 全自动塞棉机 / SM-2 全自动塞棉机

Exclusively used in medical cotton sliver automatically feeding, length dispensing and inserting process.

专用于药用棉条的自动送料、定长分段和入瓶。

- ✓ Used for various kinds of plastic round bottles, squared bottles, and flat bottles.  
各种材质的圆形、扁圆、方形、扁方形瓶等。
- ✓ Skimmed cotton in strip type.  
盘条状脱脂棉。
- ✓ Omni-directional automatic detection and alarm function: no bottle no filling, Automatic detection and alarm for material lacking.  
全方位自动检测报警功能：无瓶自动停机、缺料自动检测报警。
- ✓ Inserting length of sliver can be set easily.  
塞入棉条长度可设置。



SM-1



SM-2

<b>SM-1</b>	50BPM 50瓶/分钟	0.6Mpa ; 200L/min	AC220V	50Hz 0.7kW	1400 × 750 × 1400mm
<b>SM-2</b>	100BPM 100瓶/分钟	0.6Mpa ; 300L/min	AC220V	50Hz 0.9kW	1900 × 750 × 1400mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## TS-1 / TS-2 Paper Inserting Machine

### TS-1 全自动塞纸机 / TS-2 全自动高速塞纸机

执行标准 Executive Standard: 《JB/T 20061-2005》 我司为修订单位 (Our company is the revision unit.)

Exclusively used in medical paper automatically feeding, length dispensing, cutting and inserting process.

专用于药用纸的送料、定长、剪切和入瓶。

- ✓ Used for various kinds of plastic round bottles, squared bottles, and flat bottles.  
各种材质的圆形、扁圆、方形、扁方形瓶等。
- ✓ Omni-directional automatic detection and alarm function: no bottle no filling.  
Automatic detection and alarm for material lacking.  
全方位自动检测报警功能：无瓶自动停机、缺料自动检测报警。
- ✓ Support for one-paper, two-papers and double-levels paper inserting function.  
可单张纸或双张纸塞入，也可根据需要选配双层纸塞入方式。



TS-1



TS-2



TS-1	50BPM 50瓶/分钟	0.6Mpa ; 200L/min	AC220V	50Hz 0.65kW	1400×850×1400mm
TS-2	100BPM 100瓶/分钟	0.6Mpa ; 300L/min	AC220V	50Hz 0.75kW	1900×850×1400mm
Model 型号	Max Capacity 最大输送速度	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

! The Capacity is related to shape and the specification of the bottle, and setting number of papers. 生产能力与药瓶形状规格和纸张数有关



#### XG-1 / XG-2 Automatic Cap Screwing Machine

XG-1 全自动旋盖机 / XG-2 全自动旋盖机

#### XG-3 Rotary Capping Machine

XG-3 全自动回转式旋盖机

#### VXG Vacuum Capping Machine

VXG 真空旋盖机

#### ZG Automatic Capping Machine (Aluminum Cap)

ZG 全自动轧盖机

#### YG-1 / YG-2 Automatic Cap Snapping Machine

YG-1 全自动压盖机 / YG-2 全自动压盖机

#### XYG-1 Automatic Single Nozzle Capping Machine

XYG-1 全自动单头压盖机

#### XYG-2 Automatic Cap Screwing And Snapping Machine

XYG-2 全自动旋压盖一体机

#### YS Automatic Stopper Inserting Machine

YS 全自动压塞机

## XG-1 / XG-2 Automatic Cap Screwing Machine

### XG-1 全自动旋盖机 / XG-2 全自动旋盖机

执行标准 Executive Standard: 《JB/T20059-2014》(我公司为修订单位) Our company is the revision unit  
Exclusively used in threaded plastic caps automatically feeding, sorting, caps dropping and capping process.

用于螺纹塑料盖的自动上盖、理盖、戴盖、旋盖。

- ✓ Used for various kinds of bottles and round shaped caps.  
多种规格的瓶和圆形盖。
- ✓ No caps no capping.  
无瓶不旋盖。
- ✓ Quantity control design in caps feeding system.  
盖量控制设计。
- ✓ No changing parts required in different varieties.  
更换品种无需更换模具。
- ✓ To avoid damaging caps and failure capping: Pressure adaptive system of capping wheels.  
避免伤盖和旋不紧瓶盖: 旋盖轮压力自适应。
- ✓ Output detection and rejection system: Automatically reject no-caps, no-foil and failure capping objects.  
成品检测-剔除: 无盖、无箔、旋歪旋高的瓶子自动剔除。



XG-1

XG-2



常规圆形盖



防盗盖/防护圈盖



安全盖/双层盖/  
儿童防护盖/压旋盖



金属盖



翻盖



XG-1	120BPM 120瓶/分钟	0.6Mpa ; 150L/min	AC220V 50Hz	1kW	2400 × 1050 × 1850mm
XG-2	150BPM 150瓶/分钟	0.6Mpa ; 100L/min	AC220V 50Hz	1.2kW	2400 × 1550 × 2000mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## XG-3 Rotary Capping Machine

### XG-3 全自动迴转式旋盖机

执行标准 Executive Standard: 《JB/T20059-2014》(我公司为修订单位) Our company is the revision unit  
Automatically pick and place caps, with invariable capping torque application.

采用旋盖头自动抓盖, 磁力矩旋盖或恒扭矩旋盖。

- ✓ Automatic picking and placing caps in vertical. More stable, no oblique.  
自动垂直抓盖、旋盖, 上盖稳定可靠, 无斜盖。
- ✓ Torque is adjustable. High qualification rate of capping.  
扭矩可调, 旋盖合格率高。
- ✓ Design of screw continuous feeding, stable and reliable.  
螺杆连续进瓶, 无卡瓶、倒瓶。
- ✓ Rotary operating system, highly efficiency.  
迴转运行机构, 效率更高。



常规圆形盖



防盗盖/防护圈盖



安全盖/双层盖/  
儿童防护盖/压旋盖



金属盖



翻盖



XG-3	200 BPM 200瓶/分钟	0.6Mpa 100L/min	AC 220v 50 Hz	2 kW	2000 mm 1100 mm 1600 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

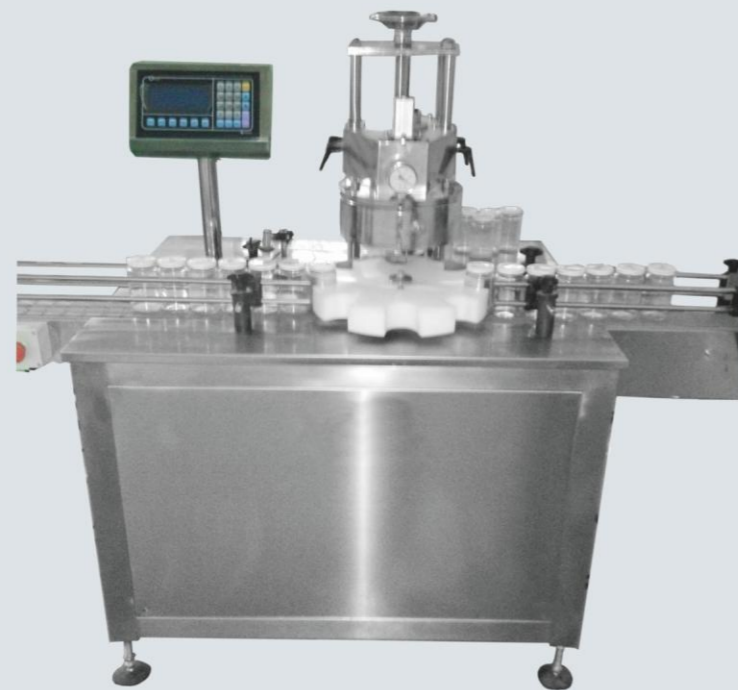
## VXG Vacuum Capping Machine

### VXG 真空旋盖机

Automatic completion of bottle feeding, vacuuming, capping and outputting. Vacuum pressure can be adjust according to requirements. Unscrewed cap when the pressure is not reached, ensure the inner space is in vacuum state.

进瓶、抽真空、旋盖、出瓶全自动化完成。真空压力可根据产品需要设定,负压压力达不到时不旋盖,真正做到瓶内余存空间为真空状态,以确保物料的保质期。

- ✓ Applicable for tin caps.  
适用马口铁三旋盖、四旋盖。
- ✓ No bottle no vacuuming and capping.  
无瓶不抽真空、不旋盖。



<b>VXG</b>	30 BPM 30瓶/分钟	0.1~0.6Mpa	AC 220v 50 Hz	1.5 kW	1400 mm 750 mm 1400 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## ZG Automatic Capping Machine (Aluminum Cap)

### ZG 全自动轧盖机

Applicable for capping in aluminum ROPP caps of glass and hard plastic bottles.

应用于玻璃瓶和塑料瓶（硬质）的铝盖锁盖。



<b>ZG</b>	120 BPM 120瓶/分钟	0.6Mpa	AC 220v 50 Hz	2 kW	2500 mm 1300 mm 2000 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## YG-1 / YG-2 Automatic Cap Snapping Machine

### YG-1 全自动压盖机 / YG-2 全自动压盖机

Used for plastic caps feeding, sorting, dropping and capping automatically.

用于塑料盖的自动上盖、理盖、戴盖、压盖。



#### YG-1

- ✓ Applicable for 10-500ml bottles and round plastic caps.  
10-500ml瓶和圆形塑料盖。
- ✓ No changing parts required in different varieties.  
更换品种，无需更换模具。
- ✓ Quantity control design in caps feeding system.  
盖量控制设计。
- ✓ Output detection and rejection system: Automatically reject no-caps, no-foil and failure capping objects.  
成品检测-剔除：无盖、旋歪旋高的瓶子自动剔除。

#### YG-2

- ✓ Applicable for 10-500ml bottles and round or oval plastic caps.  
10-500ml瓶和圆形、椭圆形塑料盖。
- ✓ No changing parts required in different varieties.  
更换品种，无需更换模具。
- ✓ Quantity control design in caps feeding system.  
盖量控制设计。
- ✓ Output detection and rejection system: Automatically reject no-caps, no-foil and failure capping objects.  
成品检测-剔除：无盖、旋歪旋高的瓶子自动剔除。



YG-1	150BPM 150瓶/分钟	0.6Mpa ; 150L/min	AC220V 50Hz	1.2 kW	2400 × 1050 × 1850mm
YG-2	150BPM 150瓶/分钟	0.6Mpa ; 100L/min	AC220V 50Hz	1.5 kW	2400 × 1550 × 2000mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## XYG-1 Automatic Single Nozzle Capping Machine

### XYG-1 全自动单头压旋盖机

- ✓ Used for various kinds of bottle with different specification and materials.  
各种规格、各种材质的药瓶。
- ✓ Used for squared cap, round plastic cap.  
方型盖、圆形塑料盖。
- ✓ Positioning, pressing and screwing design.  
定点压旋盖设计。
- ✓ Quantity control design in caps feeding system.  
盖量控制设计。
- ✓ Output detection and rejection system: Automatically reject no-caps, no-foil and failure capping objects.  
成品检测-剔除：无盖、旋歪旋高的瓶子自动剔除。



Max Capacity 最大生产能力	50BPM 50瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa ; 150L/min
Power Supply 电源和功率	AC220V 50Hz 0.8kW
Size 外形尺寸	2400 × 800 × 1600mm



## XYG-2 Automatic Cap Screwing & Snapping Machine

### XYG-2 全自动旋压盖一体机

Double purposes in one machine: Screwing type and snapping type. One is working and another is stopping.

一机两用：压盖时，旋盖机构停止工作；旋盖时，压盖机构停止工作。

Max Capacity 最大生产能力	150BPM 150瓶/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa ; 100L/min
Power Supply 电源和功率	AC220V 50Hz 1.2kW
Size 外形尺寸	2400 × 1550 × 2000mm



## YS Automatic Stopper Inserting Machine

### YS 全自动压塞机

Automatic complete the stopper sorting, transferring, feeding and inserting process.

可自动完成药瓶内塞理塞、传送、落塞、压塞动作。

- ✓ Bottle of glass, plastic and ceramic.  
玻璃瓶、塑料瓶，瓷瓶。
- ✓ The cork, stopper of the rubber and plastic.  
软木塞、橡胶塞、塑料内塞。
- ✓ Vibration sorting system, no damage to the stoppers.  
振动理塞，对瓶塞无损伤。
- ✓ No bottle no inserting, automatic stop when bottles getting jammed, no damage to the bottles.  
无瓶不下塞，卡瓶停机，不损害瓶子。



YS-1	50瓶/分钟 50BPM	0.6Mpa ; 200L/min	AC220V 50Hz	0.5kW	1400 × 700 × 1400mm
YS-2	100瓶/分钟 100BPM	0.6Mpa ; 300L/min	AC220V 50Hz	0.5kW	1900 × 700 × 1400mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

! The capacity is related to the shape and specification of the bottle and the caps. 生产能力与药瓶、盖的形状规格有关



执行标准 Executive Standard :  
《JB/T20065.5-2014》

#### GF-1 Induction Sealing Machine

GF-1 电磁感应铝箔封口机

#### GF-2 Induction Sealing Machine

GF-2 电磁感应铝箔封口机

#### RF Induction Sealing Machine (No-caps type)

RF 无盖铝箔封口机

Used for the induction sealing for the bottle which the cap has the aluminum foil. When the bottles pass through the magnetic induction area, aluminum foil gasket received induction head release energy and generate heat, the gasket on the adhesive layer to the bottle mouth, to get the purpose of sealing products beautiful and firm.

将塞有铝箔垫片的瓶盖的瓶装容器进行感应式封口。当药瓶经过封口机的磁感应区时，盖内铝箔垫片会接收到感应头释放的能量并产生热量，将垫片上的粘合层熔化到瓶口处并合为一体，实现美观牢固的产品封口目的。

Intelligent control: automatically adjust the sealing power according to the size of aluminum foil and the number of bottles in the induction area, prompt and stop when the sealing power is too small or overload.

智能化控制：根据铝箔大小和感应区内瓶子数量自动调整封口功率，封口功率过小或者过载时及时提示并自动停机。

Air cooling technology, high efficiency of electromagnetic conversion, saving energy.

风冷技术，电磁转换效率高，节约能源。

## GF-1 / GF-2 Induction Sealing Machine

### GF-1 / GF-2 电磁感应铝箔封口机



GF-1



GF-2

The large bottle can get the effect of uniform sealing.

大瓶可获得均匀封口的效果。

GF-1	Φ10-Φ60mm	120瓶/分钟 120BPM	AC220V 50Hz 2.5kW	1900×600×1400mm
GF-2	Φ60-Φ120mm	120瓶/分钟 120BPM	AC220V 50Hz 3 kW	1900×600×1400mm
Model 型号	Applicable sealing range 适用封口直径	Max Capacity 最大生产能力	Power 功率	Size 外形尺寸

## RF-1 / RF-2 Induction Sealing Machine (No-caps type)

### RF-1 / RF-2 无盖铝箔封口机

Exclusively used in sealing for the metal caps bottle, the problem that the traditional sealing machine cannot be induced for metal caps by induction is solved.

适用于金属盖瓶子进行铝箔封口，解决了传统封口机金属盖无法感应封口的问题。

- ✓ Integrated design of bottle feeding, film feeding, heating, cutting film, sealing and bottle shifting.

送瓶、送膜、加热、切膜、封口和移瓶一体化设计。

- ✓ No bottle no sealing, automatic detection and alarm of film shortage.

无瓶不封口，缺膜自动检测报警功能。



RF-1	40瓶/分钟 40BPM	0.6Mpa; 200L/min	AC220V 50Hz	0.5kW	1900×850×1850mm
RF-2	80瓶/分钟 80BPM	0.6Mpa; 400L/min	AC220V 50Hz	0.8kW	3600×1000×1850mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸



标

# Labeler

贴标系列

执行标准 Executive Standard :  
《JB/T10639-2006》

Medicine Bottle Labeling Machine

药瓶贴标设备

Carton Labeling Machine

纸盒贴标设备

Coding System

配套赋码设备

## Medicine Bottle Labeling Machine

### 药瓶贴标设备

- ✓ Pre-releasing design, accurate positioning.  
标纸定位准确：预放料设计。
- ✓ Label-positioning rectifying function, no wrinkles and no bubbles.  
标签定位纠偏功能，无皱褶、无气泡。
- ✓ No bottle no labeling, label information printing, automatic label quality detection function.  
无瓶不贴标，标签信息打印、贴标质量自动检测功能。
- ✓ The completed action of label feeding, labeling and rolling automatically.  
送标、出标、贴标和滚标等动作自动完成。
- ✓ Special base paper recovery device, has no influence the labeling system.  
特有的底纸回收装置，对行标系统不产生干扰。



## Round Bottle Side-face Labeling Machine

### TB-1A 不干胶圆瓶侧面贴标机 / TB-1B 不干胶圆瓶侧面贴标机

(定位贴Positioning Labeling)



TB-1A

TB-1A used for the side-face labeling for round bottle.  
TB-1A 适用圆瓶侧面贴标。



TB-1B

TB-1B used for the label and bottle features has specific positioning requirements.  
TB-1B 适用于标签与瓶子特征有位置要求的场合。



Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸
TB-1A	150BPM 150瓶/分钟	0.6Mpa; 50L/min	AC220V 50Hz	0.5kW	1900 × 1300 × 1400mm
TB-1B	40BPM 40瓶/分钟	0.6Mpa; 100L/min	AC220V 50Hz	0.5kW	1900 × 1300 × 1400mm

### TB-2 Plane Labeling Machine

TB-2 不干胶平面贴标机

Used for the top plane labeling for the object.  
适用于物体的顶部平面贴标。



### TB-3A Multifunction Labeling Machine

TB-3A 多功能贴标机

- ✓ Used for various of labeling for round, square or flat square objects.  
适用各类圆形、方形、扁方形物体的单个标签贴标。
- ✓ Special design of bottle feeding system, stable and reliable.  
采用夹送瓶和压顶设计，瓶子输送稳定。
- ✓ Using a special label pressing device.  
围贴采用特殊的压标装置。



### TB-3B Multifunction Labeling Machine

TB-3B 多功能贴标机

- ✓ Used for double labeling for round, square or flat square objects.  
适用各类圆形、方形、扁方形物体的双标签贴标。
- ✓ Applicable for single or double labeling.  
可贴单标、双标。
- ✓ Special design, the bottle transfer stability.  
采用夹送瓶和压顶设计，瓶子输送稳定。
- ✓ Using a special label pressing device.  
围贴采用特殊的压标装置。



TB-2	120BPM 120瓶/分钟	0.6Mpa; 100L/min	AC220V 50Hz	0.3kW	1400×700×1700mm
TB-3A	120BPM 120瓶/分钟	0.6Mpa; 100L/min	AC220V 50Hz	0.8kW	2400×1150×1400mm
TB-3B	120BPM 120瓶/分钟	0.6Mpa; 200L/min	AC220V 50Hz	1.2kW	2440×1830×1400mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## Carton Labeling Machine

### 纸盒贴标设备

Pre-releasing design, accurate positioning.  
标纸定位准确：预放料设计。

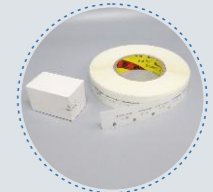
Label-positioning rectifying function, no wrinkles and no bubbles.  
标签定位纠偏功能，无皱褶、无气泡。

### TB-4A Carton Sealing Labeler (Single-label)

TB-4A 纸盒封口签单角贴标机

Applicable to the corner labeling of two surfaces perpendicular to each other in the edge of a carton. It is the single seal sticker labeler.

适用纸盒棱边互相垂直两个面转角贴标，即单封口签贴标。



Max Capacity 最大生产能力	120BPM 120盒/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 100L/min
Power Supply 电源和功率	AC220V 50Hz 0.4kW
Size 外形尺寸	1530×650×1550mm

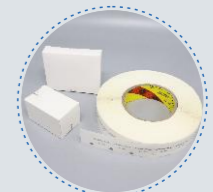


### TB-4B Carton Sealing Labeler (Double-labels)

TB-4B 纸盒封口签对角贴标机

Double purposes in one machine, two adjacent planes or two diagonal edges can be labeled with the sealing sticker at the same time. It is the double seal sticker labeler.

在一台机器上可以同时进行相邻两个平面或斜对角两个棱边的封口贴标，即双封口签贴标。



Max Capacity 最大生产能力	120BPM 120盒/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 200L/min
Power Supply 电源和功率	AC220V 50Hz 0.6kW
Size 外形尺寸	1530×650×1550mm



# Coding System

## 配套赋码设备

### FMP Ink-jet Printer

FMP 喷码机



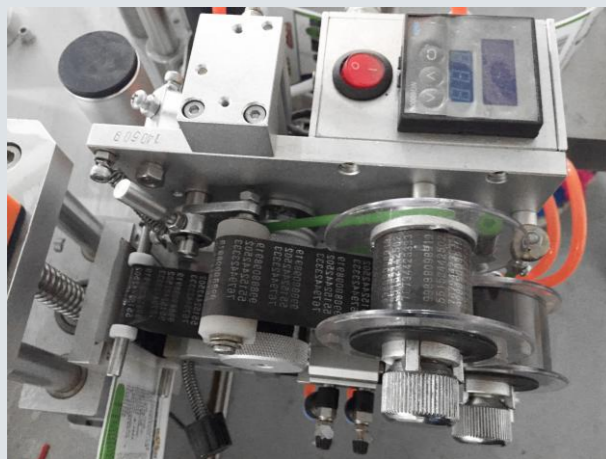
### FMJ Laser Printing Machine

FMJ 激光打码机



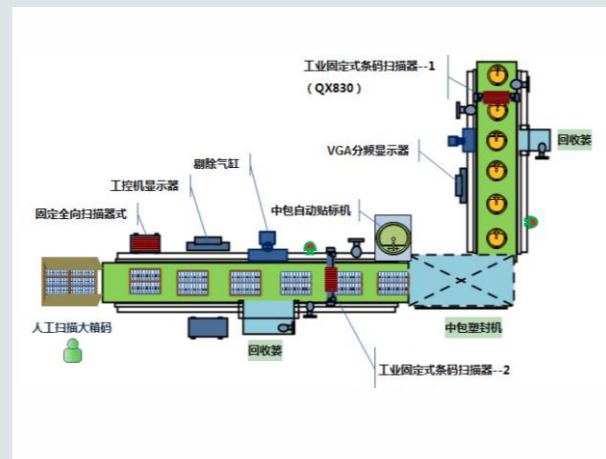
### FMS Heat Stamp Printer

FMS 色带打码机



### DGM Supervisory Code System

DGM 监管码系统



# Pre-made Bag Packing System

## 给袋式包装机系列

执行标准 Executive Standard :

《JB/T13146-2017》( 我公司为编制单位 )

Our company is the revision unit

### GDH Rotary Preformed Bag Packing Machine

GDH 回转式给袋包装机

### GDS Horizontal Preformed Pouch Packing Machine

GDS 水平式给袋包装机

Measuring Mode (Optional)  
计量方式( 选配 )



Counting  
计数



Weighing  
称重



Screw Filling  
螺杆

## GDH Rotary Preformed Bag Packing Machine

### GDH 回转式给袋包装机

Widely used, with different feeders changed to pack liquid, paste, granule, powder, irregular shaped objects and other materials, and fill into flat pre-made pouches.

包装范围广泛，通过选择不同的计量器，可以适用于液体、酱体、颗粒、粉末、不规则块状物等物料的平面袋包装。



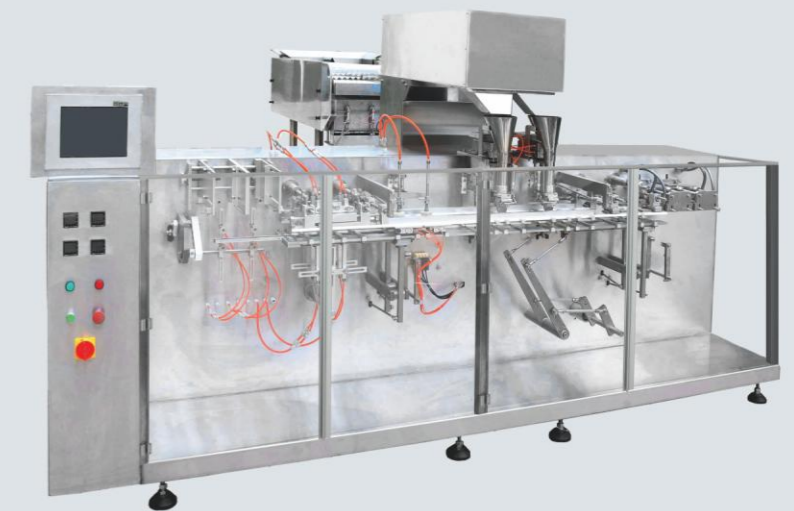
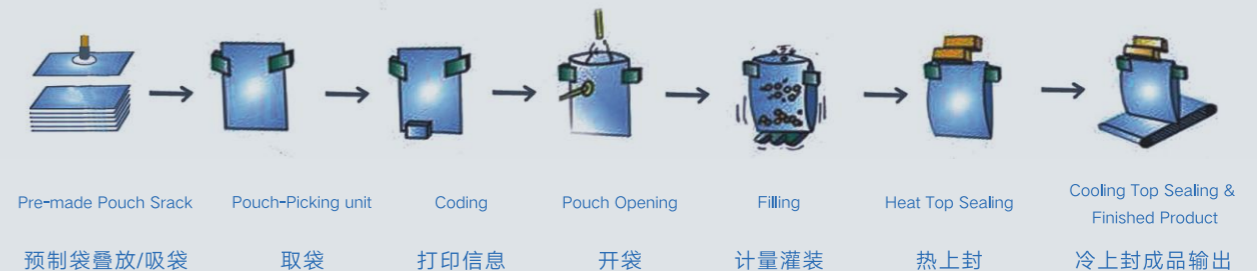
<b>GDH</b>	<b>60PPM 60包/分钟</b>	<b>0.6Mpa</b>	<b>AC 220V 50Hz</b>	<b>2.5kW</b>
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率

## GDS Horizontal Preformed Pouch Packing Machine

### GDS 水平式给袋包装机

Used for automatic packaging of doypack, Flat Pouch, Zipper pouch (Optional Item).

可用于平袋、自立袋、拉链袋（定制）的全自动包装。



<b>GDS-1</b>	<b>40PPM 40包/分钟</b>	<b>0.6Mpa ; 350L/min</b>	<b>AC220V 50Hz</b>	<b>4.5kW</b>	<b>2500 × 980 × 1100mm</b>
<b>GDS-2</b>	<b>60PPM 60包/分钟</b>	<b>0.6Mpa ; 500L/min</b>	<b>AC220V 50Hz</b>	<b>4.5kW</b>	<b>3300 × 980 × 1100mm</b>
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸



# Film Filling System

## 制袋式包装机系列

执行标准 Executive Standard:  
《JB/T13146-2017》(我公司为编制单位)  
Our company is the revision unit

### ZDL Vertical Film Filling System

ZDL 立式制袋包装机

### ZDS Horizontal Film Filling System

ZDS 水平式制袋包装机

Measuring Mode (Optional)  
计量方式(选配)



Counting  
计数



Weighing  
称重



Screw Filling  
螺杆

## ZDL Vertical Film Filling System

### ZDL 立式制袋包装机

The film passes through the molding unit and complete bottom seal and vertical seal, after filling the materials to the pouch by the buffer hopper, complete the top seal and cut to get the final products.

卷膜经过成形机构，完成底封和竖封，缓存药仓将物料装入袋内，再完成上封和剪切，获得成品。

- ✓ Intelligent temperature control system, to ensure best sealing.  
智能温控器，封口美观。
- ✓ Saving memories of packaging process parameters, easy to operate.  
储存多种产品包装工艺参数，更换产品可随时调用。
- ✓ Fault display system.  
故障显示系统。
- ✓ Customize pillow pouch, hanging hole pouch and so on.  
可定制枕形袋，打挂孔袋等。
- ✓ Used for automatic packaging of flat pouch, back-sealing pouch, 4 sides-sealing pouch, and gusset pouch etc.  
适用于平袋，背封，三边封，四边封，插角袋。



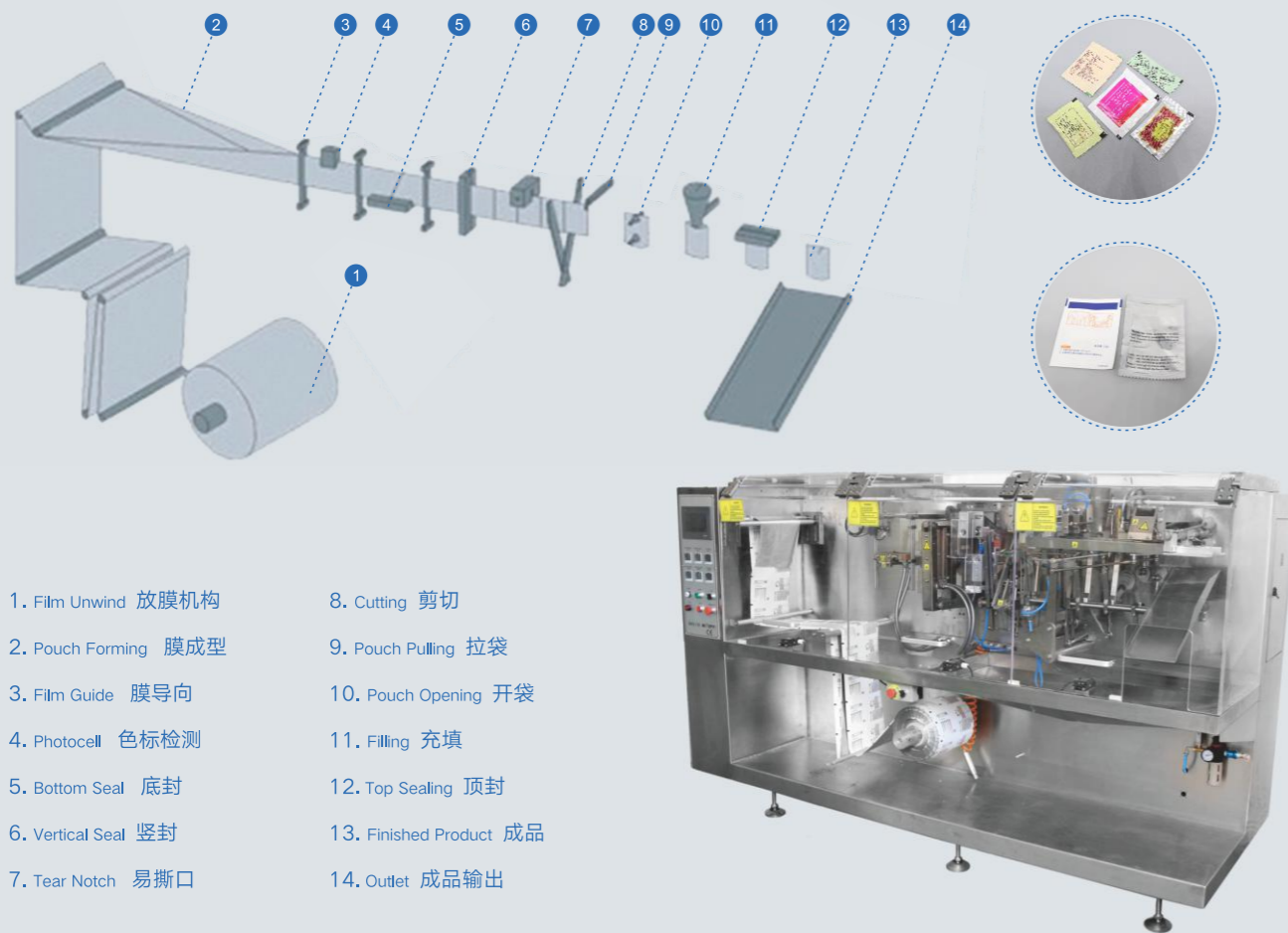
ZDL	60 PPM 60包/分钟	0.6Mpa 400L/min	AC 220v 50 Hz 3 kW	1450 mm 1100 mm 1500 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Power supply and consumption 电源功率	Size 外形尺寸

## ZDS Horizontal Film Filling System

### ZDS 水平式制袋包装机

Used for automatic packaging of flat pouch, 3-sides sealing and 4-sides sealing etc.

适用于平袋，三边封，四边封。



- 1. Film Unwind 放膜机构
- 2. Pouch Forming 膜成型
- 3. Film Guide 膜导向
- 4. Photocell 色标检测
- 5. Bottom Seal 底封
- 6. Vertical Seal 竖封
- 7. Tear Notch 易撕口
- 8. Cutting 剪切
- 9. Pouch Pulling 拉袋
- 10. Pouch Opening 开袋
- 11. Filling 充填
- 12. Top Sealing 顶封
- 13. Finished Product 成品
- 14. Outlet 成品输出

<b>ZDS</b>	60 PPM 60包/分钟	0.6Mpa 100L/min	AC 220v 50 Hz 3.5 kW	2850 mm 940 mm 1400 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Power supply and consumption 电源功率	Size 外形尺寸

# 10

盒

## Cartoning System

### 装盒机系列

#### ZHC Vertical Cartoning Machine

ZHC 立式装盒机

#### ZHG Horizontal Cartoning Machine

ZHG 卧式装盒机

#### ZHS Top Opening Type Cartoning Machine

ZHS 上开口装盒机

## ZHC Vertical Cartoning Machine

### ZHC 立式装盒机

Used for various products automatic feeding and cartoning process. (Apply for both bottles or blisters)

适用多品种多规格（亦可装瓶状亦可装铝塑板）物品的自动加料及装盒。

Automatic materials transferring, leaflet folding, feeding and detecting, materials loading, batch printing, tongue cover sealing (or use the hot melt adhesive system) and final outlet.

在线物料输送与检测、说明书折叠与传送、说明书检测、纸盒吸取成型与传送、物料入盒、压印批号、纸盒两端纸舌封装（也可适用热熔胶）及成品输出等过程均自动完成。

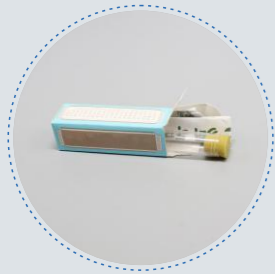
- ✓ Automatic shutdown when machine overload.  
机器过载自动停机。

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- ✓ Automatic reject the carton with missing packages or leaflets.  
自动剔除缺包装物和说明书的纸盒。

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- ✓ Fault display, automatically alarm information and finished products counting.  
故障显示、报警和成品计数。



<b>ZHC</b>	<b>100BPM</b> 100盒/分钟	<b>0.6Mpa</b> 150-200L/min	<b>AC 380V</b> 50Hz	<b>1.5kW</b>	<b>2150 mm</b> 1140 mm 1800 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## ZHG Horizontal Cartoning Machine

### ZHG 卧式装盒机

Used for cartoning packing process for blister, bottle, tube and etc.,

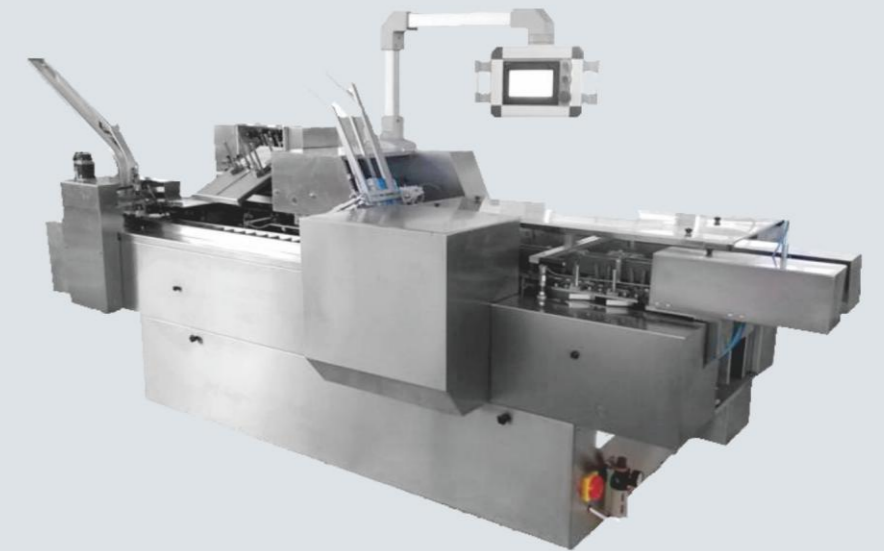
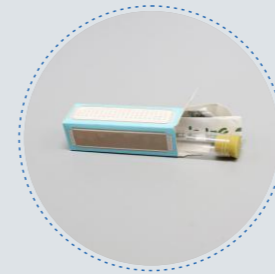
适用于药板、瓶子、软管等物料的纸盒包装。

Automatic complete the leaflet folding, carton molding, opening, blocking, batch number printing, sealing and others.

Hot melt adhesive sealing system can be chosen as optional item.

自动完成说明书的折叠，纸盒成型、打开、版块装盒、批号打印、封口等工作。可选配热熔胶系统完成热熔胶封口。

- ✓ Abnormal operation, automatic stop and display the reason.  
运行异常，自动停机显示原因。
- ✓ Intelligent detection device: no material no leaflet feeding and cartoning.  
Automatically reject of no leaflet or object missing.  
智能检测装置：无物料自动不下说明书、不下纸盒；无药版、说明书的纸盒出口处剔除。



<b>ZHG</b>	<b>150 BPM</b> 150盒/分钟	<b>0.6Mpa</b> 120-160L/min	<b>AC 220v</b> 50 Hz	<b>0.75 kW</b>	<b>3300 mm</b> 1150 mm 1500 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸

## ZHS Top Opening Type Cartoning Machine

### ZHS 上开口装盒机

The materials feeding into box from top side. Can be connected with electronic tablets counting machine, weighing machine, carton sealing machine as a production line for the quantitative products.

Suitable for blood taking needle, finished objects with small bags, and blistered tables etc.,

物料从上口入盒，可与电子数粒设备、称重设备、纸盒封口签对角贴标设备配套实现定量物料连续式全自动装盒和封口签封口。适用于采血针、小包装成品、单颗铝塑包装药粒等散装物料。



<b>ZHS</b>	50 BPM 50盒/分钟	0.6Mpa 500L/min	AC 220v 50 Hz	3 kW	3500 mm 800 mm 1550 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源和耗气量	Voltage 电压	Power 功率	Size 外形尺寸



**GB Cellophane Paper Tridimensional Packing Machine**

GB 三维裹包机

**TM Heat Shrink Machine**

TM 热收缩膜机



## GB Cellophane Paper Tridimensional Packing Machine

### GB 三维裹包机

Applied to wrap outside of rectangular objects with a transparent film with an anti-counterfeit and easy-to-pull line (Optional Item).

将硬质长、方体外面裹包一层带防伪易拉线（选配）的透明膜。

Used for single pack or group pack of objects, automatically feeding, wrapping, foleding, sealing, packing, counting, and paste the anti-counterfeit gold wire.

可对物品进行单件或条盒自动裹包、送料、折叠、热封、包装、计数，并自动粘贴防伪金拉线。

- ✓ Sealed and moistureproof.  
密封防潮。
- ✓ Easy-to-pull design, open conveniently.  
启封简便，拉启拆封拉线即可。
- ✓ Instant heating: Applied for Heat sensitive drugs, lipid soluble drugs, biological pharmaceuticals, soft capsules, vaccines and other active agents or cannot use heat shrinkable packaging of pharmaceuticals.  
瞬息受热：适用于热敏性药品、脂溶性药物、生物制药、软胶囊剂、疫苗等活性制剂和不宜用热收缩包装的药品。
- ✓ Anti-counterfeit printing of golden wire.  
金拉线印刷防伪。



50 BPM 50包/分钟	0.6Mpa	AC 220v 50 Hz 5 kW	0.75 kW	4 kW	2400 mm 850 mm 1600 mm
Max Capacity 最大生产能力	Compressed Air Supply 气源	Power supply and consumption 电源功率	Motor Power 电机功率	Electric heating 电加热	Size 外形尺寸

## TM Heat Shrink Machine

### TM 热收缩膜机

- ✓ Adjustable feeding sensor, precision lock up sleeve.  
可调式送料高速电眼，精准锁定标签。

- ✓ Original adjustable knife plate, to ensure smooth cutting.  
独创可调式刀盘，切标更平整。

- ✓ No tools required for specification change.  
更换规格无需工具拆卸。



TM	150 BPM 150盒/分钟	0.6Mpa	AC 220v 50 Hz	15 kW	1000 mm 860 mm 1800 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Voltage 电压	Power 功率	Size 外形尺寸

# 12

箱

## Case Packing System

装箱系列

**KX Automatic Case Unpacker**

KX 全自动开箱机

**ZX Automatic Case Packing Machine**

ZX 全自动装箱机

**FX Case Sealing Machine**

FX 全自动开箱机

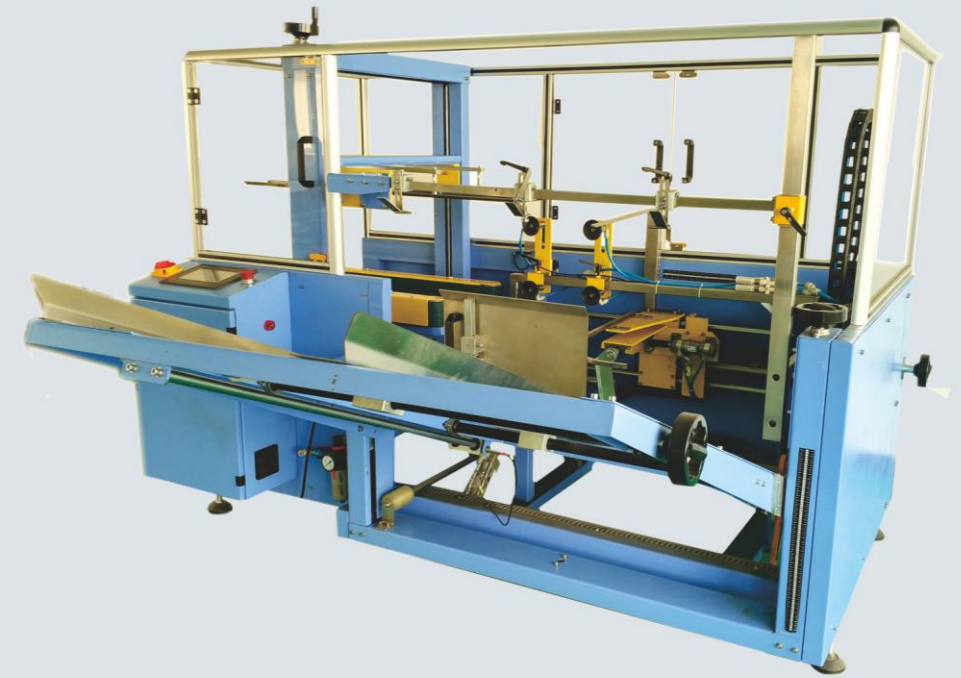
## KX Automatic Case Unpacker

### KX 全自动开箱机

Start→Box Suction →Forming →Bottom Sealing

传送纸箱坯 — 吸箱 — 成型 — 封底。

- ✓ Vertical storage board is used to supply the carton board at any time.  
立式纸箱储存，随时补充空纸箱。
- ✓ Cartons of different size are operated with handlebar.  
更换纸箱规格，手工操作调整。



KX	10 BPM 10箱/分钟	0.6Mpa	AC 220v 50 Hz	3 kW	2050 mm 2000 mm 1200 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Voltage 电压	Power 功率	Size 外形尺寸

## ZX Automatic Case Packing Machine

### ZX 全自动装箱机

Automatically arrange the materials and feed into the opened cartons.

自动将包装物整形排列，装入打开的纸箱中。

- ✓ Servo system control and motion path can be adjusted.

伺服系统控制，运动轨迹可调整性强。

- ✓ Automatic alarm at fault.

故障声光报警。

- ✓ Automatic alarm and in standby state when lack of materials or cartons.

缺料、缺纸箱自动报警并进入待机状态。

- ✓ Automatic or manual function can be free switched.

自动、手动功能自由切换。

- ✓ Multiple safety protection devices.

多重安全保护装置。



ZX	6 BPM 6箱/分钟	0.6Mpa 1300L/min	AC 380v 50 Hz	3 kW	2050 mm 2000 mm 1200 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Voltage 电压	Power 功率	Size 外形尺寸

## FX Case Sealing Machine

### FX 全自动开箱机

Folding front cover -Folding back cover- carton sealing.

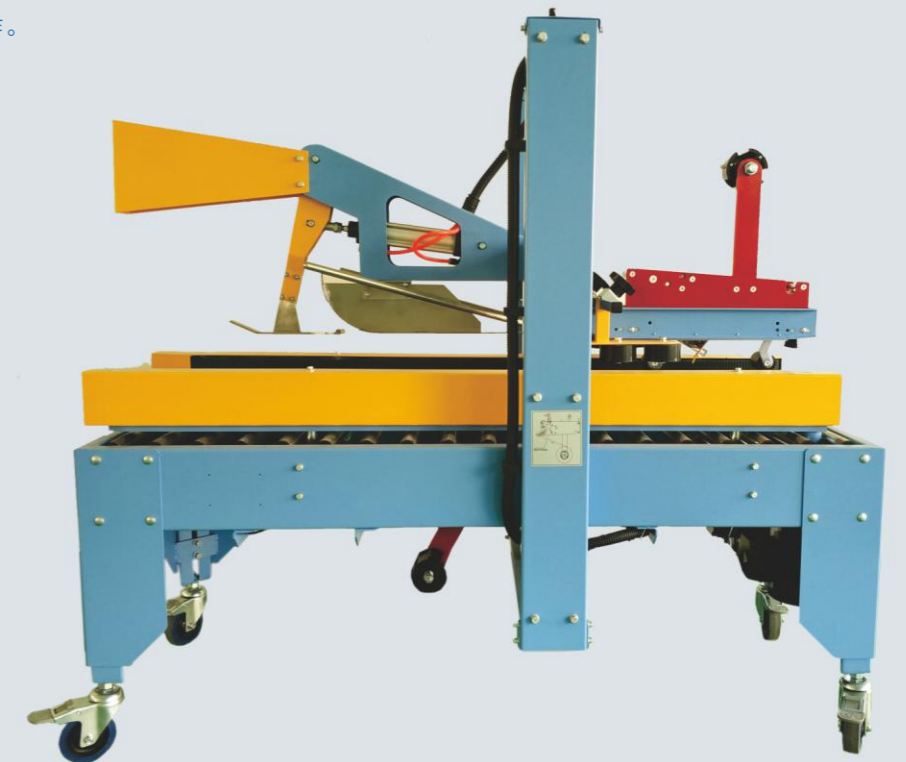
折前盖—折后盖—折两侧盖—封箱。

- ✓ Carton cover and back cover automatically folded, fast flat and pressure to ensure no angle.

纸箱上盖及后盖自动折入，快速平压不折角。

- ✓ Bottom belt drive, heavy load, operate easily.

下部侧边皮带驱动，重负荷，易操作。



FX	6 BPM 6箱/分钟	0.6Mpa	AC 380v 50 Hz	0.4 kW	1770 mm 850 mm 1520 mm
Model 型号	Max Capacity 最大生产能力	Compressed Air Supply 气源	Voltage 电压	Power 功率	Size 外形尺寸

# 13

垛

## Palletizer

### 全自动码垛系统

#### MD-1 Robot Palletizer

MD-1 机器人码垛机

#### MD-2 Automatic Palletizing System

MD-2 机械式码垛系统

## MD-1 Robot Palletizer

### MD-1 机器人码垛机

Complete the palletize according to the requirements of marshalling method and layer numbers.

按照要求的组编方式和层数，完成对箱体等产品的码垛。

Controlled axis 控制轴	4 axes (A,B,C,D)
Handing capacity 抓取速度	Max 1000 times/H
Max load capacity 最大载重	200kg
Compressed Air Supply 气源和耗气量	0.5Mpa; 280L/min
Power Supply 电源和功率	AC380V 50Hz 6.5kW
Motion Range 运动范围	A(right, lest) 3300
	B(up, down) 2000mm
	C(front, back) 1300mm
	D(tongs) 3500



## MD-2 Automatic Palletizing System

### MD-2 机械式码垛系统

Can put the cartons filled with containers on the tray(woodiness) in a fixed order.

可以自动将纸箱在托盘上以一定的顺序排列。

- ✓ Touch screen indicates the working capacity, faults and faults location.  
触摸屏显示工作速度，故障状况和故障位置。
- ✓ The touch screen adjusts the palletizing and reduces the labor cost;  
通过触摸屏调整码垛方式，降低人工成本。
- ✓ Cartons supplying system is controlled by brake motor which can make the carton be conveyed according to the fixed order.  
纸箱供应系统由制动电机控制，可使纸箱按固定顺序输送。
- ✓ PLC control cartons, stack of palletizing and output.  
PLC控制箱子，码垛堆叠及数出顺序。
- ✓ Finish several kinds of palletizing without changing parts.  
不需要更换模具就能够完成多种形式的码垛。

Controlled axis 控制轴	15-30carton/min 15-30箱/分钟
Controlled axis 控制轴	<2000mm less than 2000mm
Handing capacity 抓取速度	1200 × 1200mm
Max load capacity 最大载重	12 boxes/minute 12箱/分钟
Compressed Air Supply 气源和耗气量	0.6Mpa; 500L/min
Power Supply 电源和功率	AC380V 50Hz 3.5Kw
Size 外形尺寸	7300 × 4100 × 3300mm



# 14

检

## Inspectors

### 检测设备系列

#### JCM Metal Detector

JCM 金属检测仪

#### JCW-1 Online Checkweigher

JCW-1 在线检重秤

#### JCV Visual Inspection.

JCV 视觉检测

## JCM Metal Detector

### JCM 金属检测仪

Mainly used for detecting all kinds of metals such as Ferrous, Copper, Gold, Silver, stainless steel etc.

主要用于检测原料或产品中夹杂或漏落的铁、不锈钢、铜、铝等多种金属材质。

- ✓ High sensitivity and stability.  
高灵敏度。
- ✓ High Dustproof and waterproof.  
防尘防水等级高。
- ✓ Alarm and stop when detect metal.  
检测到金属报警停机。



空机 Fe ≥ φ 0.6mm No-Fe ≥ 1.0 mm Sus304 ≥ 1.2mm	360mm	110mm	25m/min	AC 220v 50 Hz
Detection sensitivity (without product) 检测灵敏度	Effective Search coil opening Width 有效检测孔宽	Effective Search coil opening Height 有效检测孔高度	Belt Speed 传送带速度	Power supply 电源

## JCW-1 Online Checkweigher

### JCW-1 在线检重秤

Used to detect whether the weight of a single product is consistent with the set target and automatically remove the non standard product by the sorting device.

用于检测单个产品重量与设定目标是否相符，并由分选装置自动剔除不符合标准的产品。

- ✓ The patent scale frame structure.

专利秤架结构。

- ✓ Powerful data statistics function, record the test data for each class.

数据统计功能，记录每班检测数据。



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参数/型号	标准重量分区					
Weighing range 称量范围	15KG以下	1-99G	100-500G	501-600G	601-999G	1000-10000G
Maximum speed 称量速度 (最大)	20	65	60	50	50	45
Weighing accuracy 称量精度	20	0.5g	0.5g	0.5g	1g	2g
Belt size 称重带尺寸	1	0.1	0.1	0.1	0.1	1
Power supply and consumption 电源和功率	AC220V 50Hz 0.3kW					
Size 外形尺寸	1050 (L) X 681 (W) X 1260 (H)					

## JCV Visual Inspection

### JCV 视觉检测



Bottle neck damage detection  
瓶口破损检测



Foreign objects and debris detection  
异物残片检测



Quality detection of screwing  
旋盖质量检测



Label and Code Detection  
有标无标有码无码检测

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