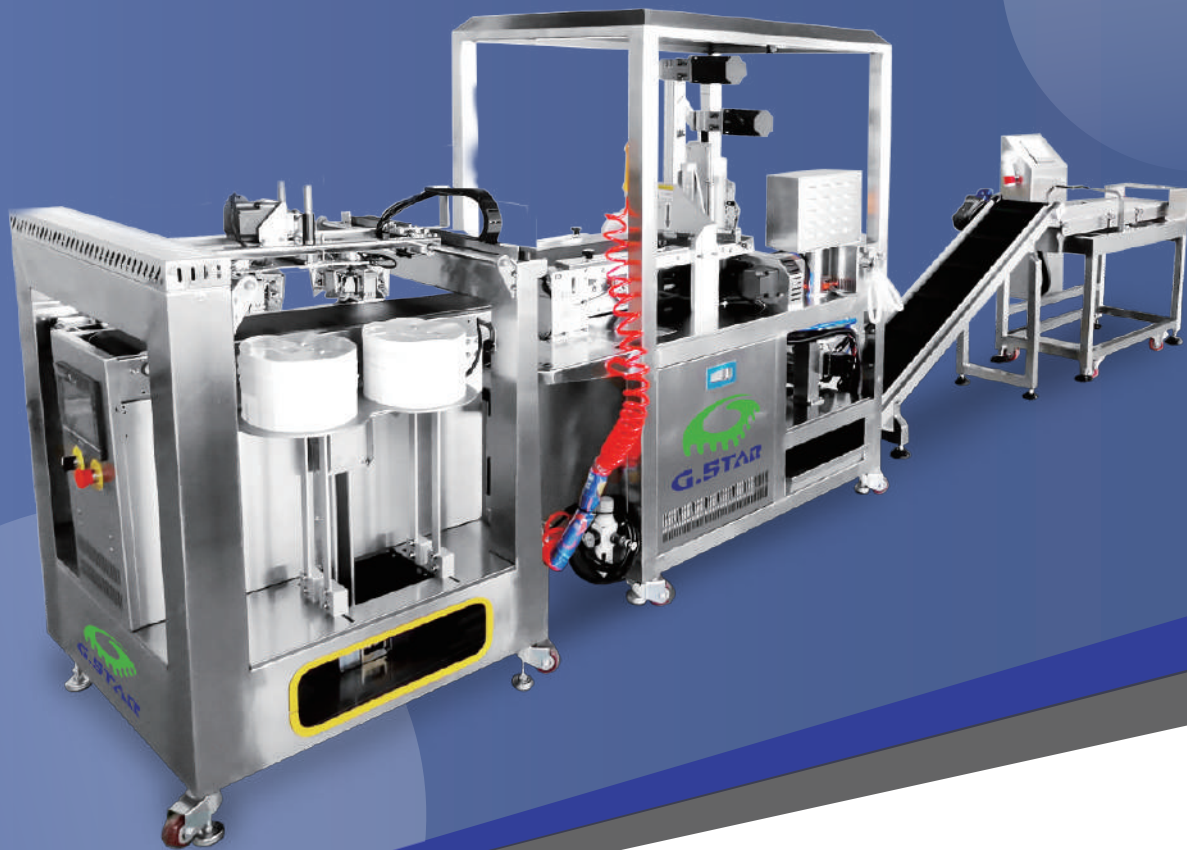# G-STAR
ELECTRONICS SUPPLIES CO., LTD

Cosmetics Production Equipment / Pharmaceutical & Biomedical Testing Equipment / OEM Services

Fast / Safe / Zero Pollution

A Great Partner for Boosting Your Productivity

G-STAR ELECTRONICS SUPPLIES CO., LTD (G.STAR), found in 2001, mainly committed to manufacturing of facial mask / cosmetics production equipment and pharmaceutical & biomedical testing equipment, production design planning and providing various OEM services. Over the years, in response to the needs of customers and the international market in different industries, from traditional to technology...etc., we are constantly working on research and development to improve our products and provide timely and and reliable after-sales service.

吉上達實業有限公司

G.STAR

G-STAR ELECTRONICS SUPPLIES CO., LTD.

Customized Comprehensive Solutions

With extensive experience and a strong team, we can find suitable solutions for any of your problems in manufacturing, efficiency or quality, to improve production efficiency in the factory and product quality as well as enhance industrial competitiveness.
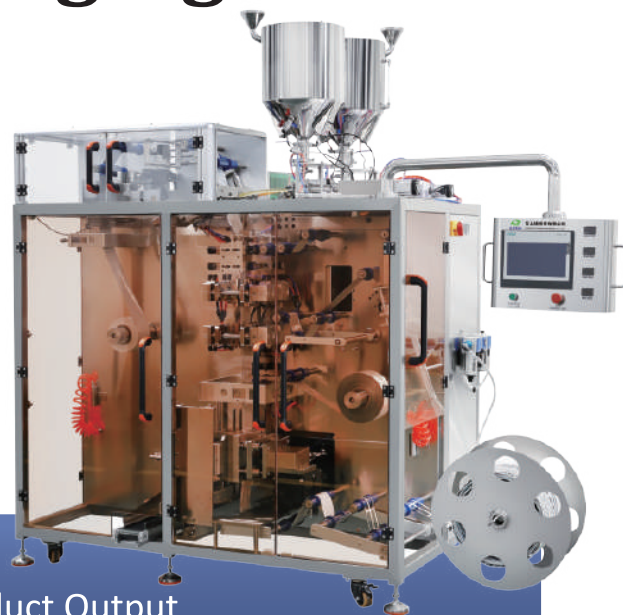
Professional Consulting & Friendly After-sales Service

We have a variety of excellent technical teams, from R&D, engineering, manufacturing, to timely and and reliable after-sales service for achieving the best reputation among customers!

Fold & Squeeze Packaging Machine
GS-004FSPM

● Applicable for automatic packaging of liquid paste products used in cosmetics, food, health care and pharmaceutical industries.
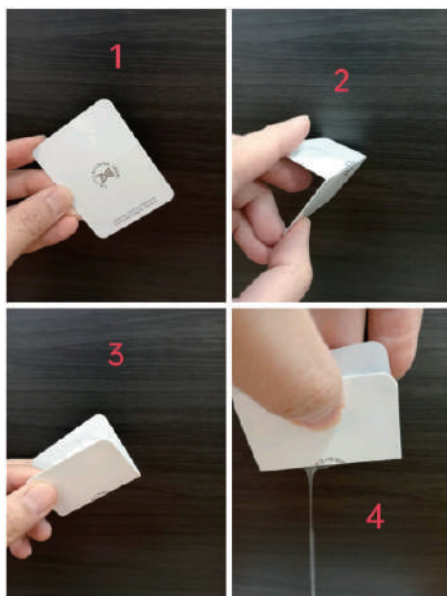
● Non-stick design with squeezing by one hand.

Automatic Bag Making → Filling → Sealing → Product Output

Specifications

Machine Dimensions	L2547 x W1117 x H2171 mm	Number of Filling Head	2 x Filling Heads
Power Supply	220V, 60Hz, Power 2KW	Filling Range	0.5-5 g
Pneumatic Pressure	0.6Mpa	Filling Error	±1%
Machine Net Weight	450 KG	Filling Type	Plunger pump
Production Capacity	2800~3600 Bag/HR (Double lines)	Sealing Type	Hot pressing

Machine Features

Packaging Materials
Hard card + Soft film

Maximum Roll Film Diameter
Hard film 500 x 75 mm / Soft film 350x75 mm

Composite Film Thickness
Hard film 0.45 mm / Soft film 0.08 mm

Bag Dimensions
Length: 30-100mm / Width: 20-100mm
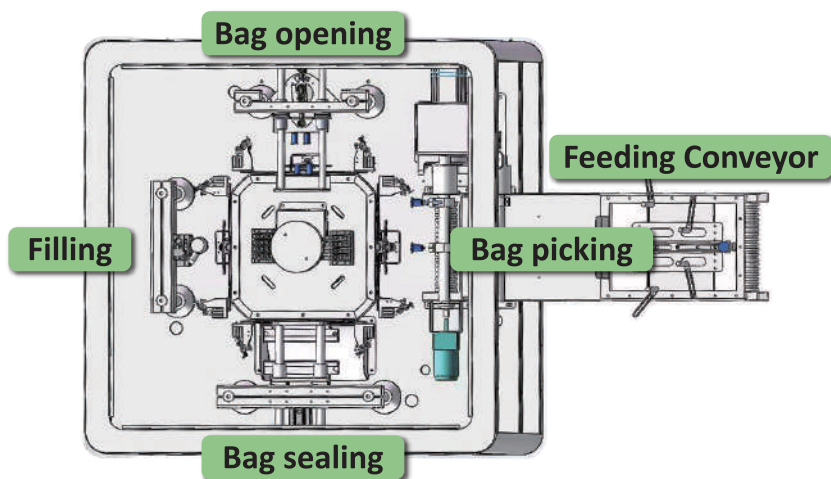
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Pouch Packaging Machine

GS-004

- Supports special-shaped bag production
- Independent workstations

Manual Feed-in → Bag Picking → Bag Opening →

Filling → Sealing → Printing → Flattening (Make liquid evenly)

Specifications

Machine Dimensions	L1730 x W1050 x H1480 mm	Filling Error	±1%
Power Supply	220V 60Hz Power 2.5-3KW	Filling Type	Magnetic Pump (Optional according to filling material)
Pneumatic Pressure	0.6 Mpa	Filling Range	4-50 ml
Machine Net Weight	360 KG	Aluminum Bag Specifications	Width: 50-200 mm / Length:50-330 mm
Production Capacity	1600-1800 Bag/HR		

Bag opening

Feeding Conveyor

Filling

Bag picking

Bag sealing

機器特點

1. Filling range can be customized

2. Aluminum bag specifications can be customized

High Speed Facial Mask Folding & Bagging Machine

GS-818

3折

4折

Facial Mask with 3-Folded / 4-Folded → Automatic Bagging → Finished Product Output

*Optional Conveyor Available

Specifications

Machine Dimensions	L1500 x W1022 x H1500 mm	Layers of Mask Cloth	1-3 Layer(s)
Power Supply	220V, 60Hz, Power 1KW	Number of Folding	3-Folded / 4-Folded
Pneumatic Pressure	0.6Mpa	Aluminum Bag Specifications	Width: 100-160 mm / Length:150-220 mm
Machine Net Weight	300 KG	Machine Functions	Two Folding Types, Thickness Detection, Automatic Rejection
Production Capacity	3500 Bag/HR		

Machine Features

Intelligent Numerical Control

PLC HMI Interface Control System

Outlet of Product Output

The finished facial mask bag with folded mask is output from the machine through this outlet

High Speed and Stability

Carrying with Conveyor

The mask cloth can be easily placed on the conveyor belt manually

Detection of Empty Bag

With high precision mechanism for contact detecting thickness, empty bags or multiple masks shall be rejected automatically

Remark

Actual production efficiency depends on the speed of mask placing manually

Double Head Facial Mask Filling Machine

GS-118

- Easy to operate with PLC HMI Interface Control System
- High accuracy by using precision magnetic pump filling machines
- Synchronous operation in series available for multiple machines

Automatic Bag Unloading → Bag Opening → Filling
→ Sealing (Printing) → Output → Flattening (Making Liquid Even)

*Can be used with Printing Machine   *Optional Conveyor Available

Specifications

Machine Dimensions	L660 x W880 x H1250 mm	Filling Error	±1%
Power Supply	220V, 60Hz, Power 1.5KW	Filling Type	Magnetic Pump
Pneumatic Pressure	0.6Mpa	Filling Range	5-100 ml
Machine Net Weight	200 KG	Layers of Mask Cloth	1-3 Layer(s)
Production Capacity	1800~2200 Bag/HR	Aluminum Bag Specifications	Width: 100-160 mm / Length:150-220 mm
Number of Filling Head	2 x Filling Heads		

Machine Features

Modular Design

Easy to maintain and easy to adjust

Electronic & Pneumatic Parts

Guaranteed durability with PLC HMI Interface Control System

Automation

A series of actions such as bag taking, mask liquid filling, exhausting, sealing, date printing, finished product output, flattening, etc.
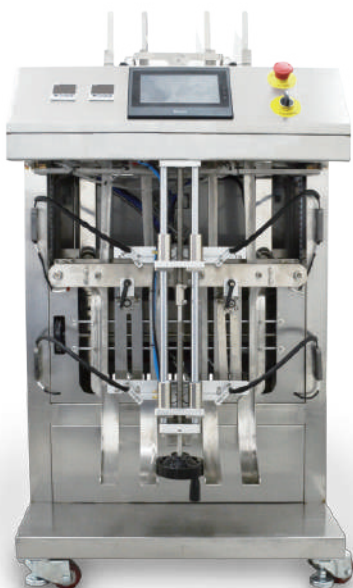
Vacuum Pump

Stable operation by vacuum pressure

Adaption of different aluminum bags

No need to replace the feed tank, and easy for size adjustment for aluminum bags

PID Intelligent Temperature Controller

Great heat balance & clear heat-sealing pattern by embedded heat-sealing mechanism

4

Checkweigher
GS-220-D20

- Applicable for various bags/bottles
- Fast detection, high precision
- Can be integrated with assembly line design

Finished Product Input → Weight Checking → NG Product Classifying

*Optional Conveyor Available

Specifications

Machine Dimensions	L1450 x W750 x H1100 mm	Detection Error	±0.2g
Power Supply	220V, 60Hz, Power 0.2KW	Min. Scale	0.1g
Machine Net Weight	500 KG	Height of Conveyor from Ground	780-900mm
Max. Throughput	12000 PC/HR	Dimension of Conveyor	L280/400 x W200 mm
Weighing Range	3-200g		

Machine Features

Rejection Type (selectable)

Blowing, Rod Pushing, Flap Dropping

Number of Conveyor Lines

Acceleration Section, Weighing Section, Rejection Section

HMI

PLC HMI Interface Control System

Direction of Carrying

Left in and Right out while facing the operation side

Alarm Type

Audible & Visual Alarm

Remark

The accuracy of detection depends on the weight, dimension, detection speed and installation environment (wind, vibration, temperature, humidity, etc.) of the product to be tested.

Metal Detector for Aluminum Foil Packaging

GS-AFD250

- Thanks to low-frequency magnetization enhancement technology, it has extremely high sensitivity to stainless steel and iron without interference of metal film packaging.

- It can effectively detect foreign objects of iron and stainless steel in products packaged or sealed by aluminum foil, high-salt products packaged by aluminum foil as well as ham sausages packaged with aluminum buckle.

Finished Product Input → Metal Object Detecting → NG Rejecting

Specifications

Machine Dimensions	L1600 x W950 x H1670 mm	Detection Error	Belt adhering: Fe≥1.0 (Iron ball)
Power Supply	220V, 60Hz, Power 0.2KW		SUS≥2.0 (Stainless steel ball)
Machine Net Weight	200 KG	Dimension of Detection Window	W250 x H70 mm
Carrying Weight	5 KG	Height of Conveyor from Ground	720-850mm
Carrying Speed	0-40 m/min	Dimension of Conveyor	L1200 x W250 mm

Machine Features

Rejection Type (selectable)

Blowing, Rod Pushing, Flap Dropping

HMI

PLC HMI Interface Control System

Direction of Carrying

Left in and Right out while facing the operation side

Alarm Type

Audible & Visual Alarm

Remark

1. Original Brushless DC motor , motor drive controller, SMC original pneumatic components from ORIENTAL MOTOR

2. Food-grade PU conveyor belt from Swiss Habasit

Monodose Strip Tube Filler & Sealer

GS-105STFS

- Easy to operate with PLC HMI Interface Control System
- No filling when no tube & overload protection with safety device

Tube Placing Manually → Filling → Sealing
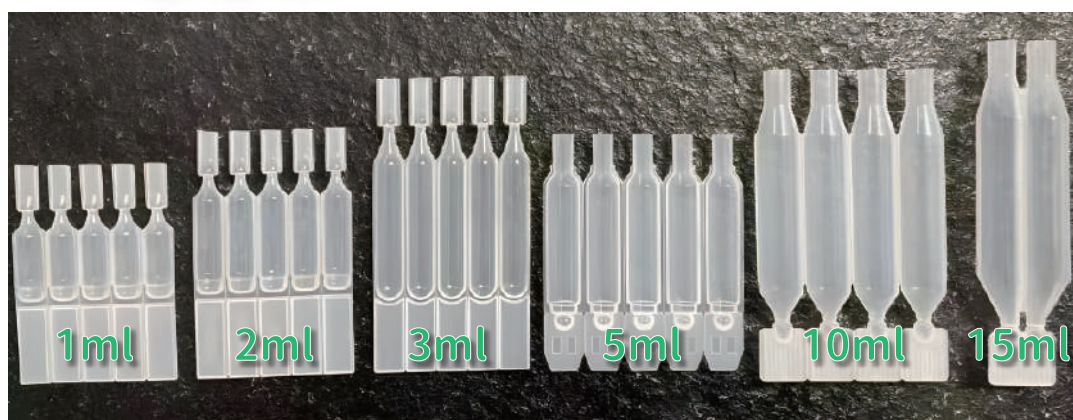
→ Tube-end Trimming → Finished & feed out

※Ceramic pump for large volume is optional

Specifications

Machine Dimensions	L1300 x W1300 x H1950 mm		Sealing Type	Ultrasonic Sealing
Power Supply	220V, 60Hz, Power 2KW		Filling Range	0.2-3 ml/pe turn
Pneumatic Pressure	0.6 Mpa		Filling Error	0.05 g
Machine Net Weight	350 KG		Applicable Packaging	Monodose Strip
Production Capacity	600-900 Row/HR			

Packaging style

※Integrated with labeler is possible

1ml 2ml 3ml 5ml 10ml 15ml

Fully Automatic Tube Filling & Sealing Machine

GS-009

- Fully automatic tube feeding
- Easy to operate with PLC HMI Interface Control System
- No filling when no tube & overload protection with safety device

Tube Placing Manually → Marking → Filling → Sealing
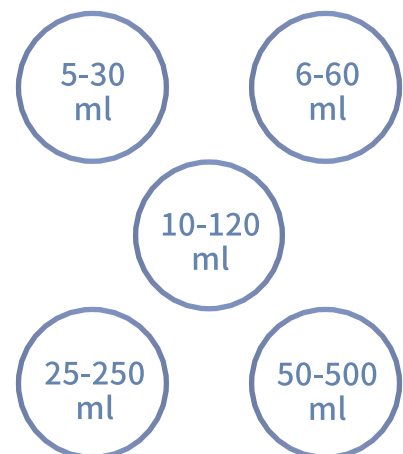
→ Date Printing → Tail Cutting → Product Output

Specifications

Machine Dimensions	L1630 x W1022 x H1500 mm		Filling Range	25-250g
Power Supply	220V 60Hz Power 2.6KW		Filling Error	±1%
Pneumatic Pressure	0.6 Mpa		Tube Height	50-220mm
Machine Net Weight	450 KG		Tube Diameter	16-50mm
Production Capacity	1300-1600 PC/HR		Packaging Material	Plastic Tube
Sealing Type	Ultrasonic Sealing			

▲ Tube Sealing Machine

Filling Range (customizable)

5-30 ml

6-60 ml

10-120 ml

25-250 ml

50-500 ml

Desktop Tube Sealing Machine (No Filling)
GS-007

● Widely applicable for various sealed tubes used in toothpaste, cosmetics, medicines, food and industrial supplies.

Manual Tube Placing → Start Key Pressing → Mark Aligning → Sealing → Cutting → Finished Product

Specifications

Machine Dimensions	L860 x W600 x H780 mm		Production Capacity	600-780 PC/HR
Power Supply	220V, 60Hz, Power 2KW		Tube Diameter	13-50mm
Pneumatic Pressure	0.6 Mpa		Tube Height	70-210mm
Machine Weight	85 KG			

Machine Features

1. Open end of the plastic tube is sealed by ultrasonic welding

2. No adhesives, fillers or solvents are added and only few heat is consumed for welding

3. Easy to operate, fast welding, high welding strength and high production efficiency

4. PLC HMI Interface, Intelligent Numerical Control

Semi-Automatic Vertical Filling Machine

GS-801

● Applicable for filling alcoholic liquids with design of pneumatic pressure controlled system.

● Generally applicable for thick and thin fluidity liquids and cream products.

Activating by Foot → Automatic Filling

*Optional accessories bucket size

Specifications

Machine Dimensions	L610 x W430 x H1560 mm (Without Hopper H1250 mm)		Production Capacity	600-1800 Bottle/HR
Pneumatic Pressure	0.6 Mpa (Total pneumatic pressure controlled)		Filling Type	Piston Pump
			Filling Range	25-250g
Machine Net Weight	40 KG		Filling Error	±1%

Machine Features

1. Selectable continuous or intermittent filling based on product characteristics

2. Workbench equipped with swivel casters for mobility if necessary

3. Easy hand wheel adjuster for adjusting filling capacity if necessary

4. Made of corrosion-resistant high-grade stainless steel, suitable for cleaning with chemical and powerful cleaning agents

▲ Floor standing version

Double-headed Micro Filling Machine

GS-15-2XY

- Applicable for precision quantitative filling used in food, pharmaceutical, chemical, cosmetic, chemical and other industries.

- Applicable for precision quantitative filling of acidic and alkaline liquids used in biological reagents, oral liquids, injections, cosmetics, flavors, etc.

Automatic Displacing → Filling → Automatic Homing

Specifications

Machine Dimensions	L810 x W400 x H800 mm
Power Supply	220V, 60Hz, Power 0.65KW
Rotary Speed	0-200 RPM
Machine Net Weight	110 KG

Production Capacity	0-3000 Time/HR
Number of Filling Head	2 x Filling Heads (Optional 2-5)
Filling Error	±0.5%
Filling Range	0.3-2.9ml or 1.5-16ml (Optional)

Machine Features

1. Parameter adjustment through HMI

2. Ceramic filling pump

3. SUS304 stainless steel machine body

▲ Floor standing version

11

Gear Pump Filling Machine
GS-16GP

● Applicable for all fluidity liquids, from low to high viscosity.

● Applicable for use in food, pharmaceutical, pharmaceutical, chemical, cosmetic and other industries.

Manual Activating → Filling

*Optional accessories bucket size

Specifications

Machine Dimensions	L500 x W400 x H640 mm (Without Hopper H300 mm)		Filling Type	Gear Pump
Power Supply	220V, 60Hz, Power 0.8KW		Filling Range	5-1000g
Pneumatic Pressure	0.6 Mpa		Filling Error	±1%
Machine Net Weight	24 KG		Filling Adjustment	HMI

Machine Features

1. Effective leaking-proof for filling liquid products with medium-acid or medium-alkaline

2. Designed for easily disassembling and cleaning

Desktop Multi-function Labeling Machine

GS-615

- Widely applicable for round bottles made of glass, plastic PP, PET and others as well as symmetrical and some irregular shaped products to stick self-adhesive labels or films; also applicable for double-sided adhesive products with die-cutting.

- It can be optionally integrated with "Clear Sticker Labeling Machine with Transparent Electric Eye Recognition" and "Coding Machine" for labeling and coding within one process.

Manual Feeding → Clamping → Labeling → Finished Product Output

Specifications

Machine Dimensions	L998 x W577 x H937 mm	Labeling Error	±0.5 mm
Power Supply	220V, 60Hz, Power 0.5KW	Applicable Products	Diameter of Round Bottle: 15 - 100 mm Length: 60 - 300 mm
Pneumatic Pressure	Min. 5KG		
Machine Net Weight	67.5 KG	Dimension of Applicable Labels	Label Width (Height): 5 - 180 mm Length: 5 - 350 mm
Production Capacity	900-2400 Can/HR		

Machine Features

1. Wide application range: various shaped bottles like round, square, octagonal, flat, etc. (replacing fixtures required)

2. Easy to operate: switch to corresponding parameters when switching different products

3. Parameter memory: multiple parameter settings for various labels without setting parameters repeatedly

4. Production counting: with required labeling quantity set, the production will stop automatically when it is completed

5. High efficiency, manpower reduction, perfect labeling with high precision

6. Lower cost without wear parts

GS-09LBR Labeler
GS-09LBR

- Easy to operate with PLC HMI Interface Control System
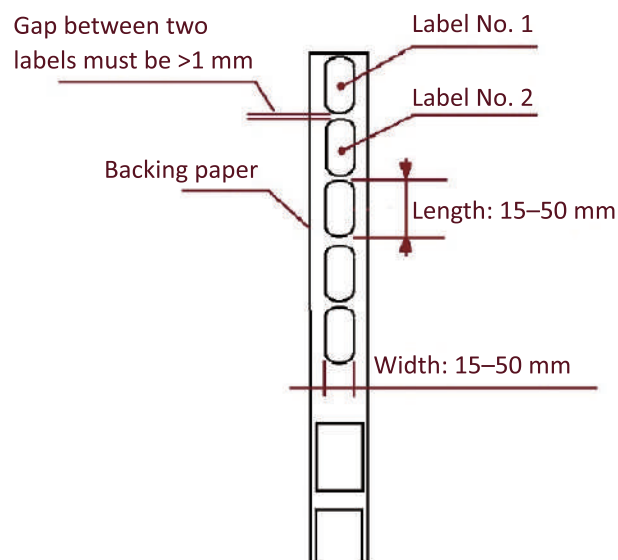- Equipped with high-precision sensors

Install film roll → Adjust product position → Set label length
→ Manually push product forward → Labeling complete

Specifications

Machine Dimensions	L400 x W280 x H400 mm		Labeling Error	±0.5 mm
Power Supply	220V		Dimension of Applicable Labels	15 - 50 mm
Machine Net Weight	11.25 KG		Label Roll Size	Inner diameter: 25-75 mm
Production Capacity	1500-2000 /HR			Outer diameter: 200 mm

Machine Features

1. IR positioning, precise labeling

2. Adjustable limit plate

3. Compatible with various label types

Gap between two labels must be >1 mm

Label No. 1

Label No. 2

Backing paper

Length: 15–50 mm

Width: 15–50 mm

Spray Bottle Crimper
GS-PBCM-1

- Widely used for various sizes of perfume bottles
- Designed with pneumatic control system

Manual Feed-in→ Foot Pedal Triggered → Pneumatic Force Fit

Specifications

Machine Dimensions	L270 x W250 x H450 mm	Machine clamping force	4-8 kg/cm
Pneumatic Pressure	0.6Mpa	Bottle Height	Max. 200 mm
Machine Weight	110 KG	Applicablebottle diameter	13/15/18/20 mm
Production Capacity	2000 bottle/HR		

Specifications Of Bottle Crimper Head

Newly upgraded material of stainless steel of crimper head, significantly improve the rigidity, hardness,wear resistance, fatigue strength and toughness of stainless steel through high-temp quenching.

Parameter	Bottleneck Diameter	Crimper head Diameter
13A	13MM (Actual measurement 12.8*13mm)	15MM
15A	15MM (Actual measurement 14.8*15mm)	17MM
18A	18MM (Actual measurement 17.8*18mm)	20MM
20A	20MM (Actual measurement 19.5*20mm)	22MM

Note: The model size corresponds to the diameter of the bottleneck

Machine Features

1. High Compatibility! By replacing some parts, it can correspond to different sizes of bottle cap.

2. Fully pneumatic operation, simple and easy to learn.

Improve Production Efficiency
Enhance Industrial Competitiveness

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