



Filling & Packaging System

Specilized in Filling Line



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About us

YOCELL Biotechnology is your trusted partner in the field of bioprocess.

YOCELL has a team of energetic young scientists and engineers. From initial R&D to production, we are committed to providing the most reliable solutions for biotechnology scientists and engineers around the world. Accepting the challenges of continuous innovation in biotechnology and solving problems from multiple perspectives are the most impressive qualities of the team.

Pragmatic

Always listen carefully to your needs and provide the most competitive solutions.

E cient

Respond quickly and have a strong supply chain to ensure fast delivery.

Focus

Continuous attention and passion for innovation in the field of biotechnology control.

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YCGS is suitable for liquid filling and stoppering in pharmaceutical, healthcare, food industry, etc. The uses single rail (dual rail for YCGS-2) to feed bottle, the bottle is transferred by conveying belt, and dialing wheel positions the bottle.

YCGSZ is suitable for liquid filling, stoppering and capping in pharmaceutical, healthcare, food industry, etc. The machine uses single rail to feed bottle, the bottle is transferred by conveying belt, and dialing wheel positions the bottle.



YCGS-1



YCGS-2



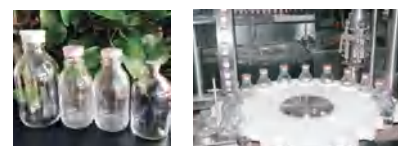
Format Range



Features

- Compact machine
- Especially suitable for 30ml-500ml bottle
- 4 (10 for YCGS-2) piston pump measuring filling for accurate filling volume.
- Servo system+stainless steel pump filling
- Pneumatic stoppering for high success ratio
- The pump and other contact parts with drug liquid are SS316L
- The working table is covered by stainless steel
- Compliant with GMP requirement

Format Range



Functions

- Shut down without bottle
- No bottle no stoppering
- Product quantity count
- Alarm display

Optional Functions

- Class 100 laminar flow hood
- Pre & after nitrogen filling

Technical Parameter

Model	Applied range	Capacity	Filling method	Filling accuracy	Compressed air consumption	Filling head	Stoppering head	Total power	Power supply	Noise	Total weight	Overall size
YCGS-1	30-500mL	40-60b/min	(Peristaltic pump optional*)	± 1%	0.5-0.6MPa 5m³/h	4 heads	1 head	2.0kW	220V 50Hz	65dB(A)	Around 800kg	2440*1200*1700mm
YCGS-2		80-100b/min				10 heads	2 heads				Around 900kg	3300*1200*1700mm

Features

- Compact machine.
- Especially suitable for 5ml-500ml bottle.
- 4 piston pump measuring filling for accurate filling volume.
- Servo system+ stainless steel pump filling.
- The pump and other contact parts with drug liquid are SS316L.
- The working table is covered by stainless steel.
- Compliant with GMP requirement.

Functions

- Shut down without bottle/Bottle arrive and machine resume
- No stoppering machine stop
- No cap machine stop
- Screw capping has lip unit, do not hurt cap
- Product quantity count
- Alarm display

Technical Parameter

Model	Applied range	Capacity	Filling method	Filling accuracy	Compressed air consumption	Filling head	Stoppering head	Total power	Power supply	Noise	Total weight	Overall size
YCGSZ	1-500mL	40-100b/min	servo system+ stainless steel pump (Peristaltic pump optional*)	± 1%	0.5-0.6 MPa 10m³/h	4 heads	1 head	2.0kW	220V 50Hz	65dB(A)	Around 800kg	2440*1350*1700mm

YCKF adopts mesh belt inlet bottle rotary wheel transfer, the filling needle is reciprocating tracking, and the single capping knife is rotary pressing, it can automatically execute bottle feeding, filling, unscrambling on cap, and capping, etc.



Features

- It adopts mechanical driven method of filling, the filling pump can be metal pump, ceramic pump or peristaltic pump according to the request of user

Format Range



Technical Parameter

Model	Applied range	Capacity	Filling method	Filling accuracy	Compressed air consumption	Filling head	Stoppering head	Total power	Power supply	Noise	Total weight	Overall size
YCKF	5-25mL	250-450b/min	Glass pump (peristaltic pump, ceramic pump optional)	± 1%	0.5-0.6MPa 10m³/h	10-16 heads	24 heads	3.0kW	220V 50Hz	65dB(A)	Around 2000kg	3500*1500*1700mm

YCGX is suitable for liquid filling and capping in pharmaceutical, healthcare, food industry, etc. The machine uses dialing wheel to feed bottle, the bottle is transferred by synchronous belt, and the filling needle is reciprocating tracking, uses 10 head screw capping.



Features

- Especially suitable for 5ml-300ml bottle
- 10-16 piston pump measuring filling for accurate filling volume.
- The pump and other contact parts with drug liquid are SS316L
- The working table is covered by stainless steel

- Compliant with GMP requirement
- Precise and stable transmission
- No air contamination
- No error on each mechanism coordination
- Small noise
- Low loss
- Output is stable

Functions

- Shut down without bottle
- Shut down without cap
- Screw capping has ip unit
- Do not hurt cap
- Product quantity count
- Alarm display

Technical Parameter

Model	Applied range	Capacity	Filling method	Filling accuracy	Compressed air consumption	Filling head	Stoppering head	Total power	Power supply	Noise	Total weight	Overall size
YCGSZ	5-300mL	150-200b/min	servo system+ stainless steel pump	± 1%	0.5-0.6MPa 10m³/h	10-16 heads	10 heads	3.5kW	380V 50Hz	65dB(A)	Around 2000kg	4500*2230*1700mm

YCXG is suitable for gargle bottle capping.



Features

- Working table is covered by stainless steel
- Machine transmission is mechanical type
- No air contamination
- No error on each mechanism coordination
- Small noise
- Low loss
- Output is stable
- Compliant with GMP requirement

Functions

- Shut down without bottle
- Bottle arrive machine start
- Shut down without cap
- Screw capping has ip unit, do not hurt cap
- Product quantity count
- Alarm display

Format Range



Technical Parameter

Model	Bottle size	Production capacity	Power supply	Power	Compressed air consumption	Overall size
YCXG-1	20-500mL	40-60b/min	220V 50Hz	1.0kW	5m ³ /h	2400*1350*1700mm
YCXG-2		80-100b/min				2600*1350*1700mm

Y CZ is suitable for screw (crimp) capping in pharmaceutical, healthcare, food industry, etc. It has 3 knife sealing, 4 knife screw capping.



YCZ-1



YCZ-2

Features

- Compact machine
- Screw capping has ip unit
- Convenient to adjust the pressure
- The working table is covered by stainless steel
- Compliant with GMP requirement

Functions

- Suitable for screw cap, Iper-proof cap, Alu-PVC cap, pressed cap
- Shut down without bottle
- Shut down without cap
- Product quantity count
- Alarm display

Format Range



Technical Parameter

Model	Applied range	Capacity	Compressed air consumption	Screw capping head	Total power	Power supply	Noise	Total weight	Overall size
YCZ-1	30-500mL	40-60b/min	0.5-0.6MPa 5m ³ /h	1 head	1.0kW	220V50Hz	65dB(A)	Around 600kg	2440*1200*1700mm
YCZ-2		80-100b/min (dual rail to feed bottle, dual head screwcapping)		2 heads				Around 650kg	2600*1100*1700mm

YCGZ is suitable for liquid filling and capping in pharmaceutical, healthcare, food industry, etc. The machine uses single rail (dual rail for YCGZ-2) to feed bottle, the bottle is transferred by conveying belt, and dialing wheel positions the bottle.



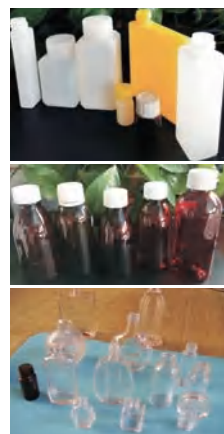
Features

- Compact machine
- 4 (10 for YCGZ-2) piston pump measuring filling for accurate filling volume.
- Servo system+ stainless steel pump filling
- The pump and other contact parts with drug liquid are SS316L
- The working table is covered by stainless steel.
- Compliant with GMP requirement

Functions

- Shut down without bottle
- Bottle arrive and machine resume
- No cap machine stop
- Screw capping has ip unit, do not hurt cap
- Product quantity count
- Alarm display

Format Range



Technical Parameter

Model	Applied range	Capacity	Filling method	Filling accuracy	Compressed air consumption	Filling head	Stoppering head	Total power	Power supply	Noise	Total weight	Overall size
YCGZ-1	30-500mL	40-60 b/min	servo system+ stainless steel pump	± 1%	0.5-0.6MPa 5m³/h	4 heads	1 heads	2.0kW	220V 50Hz	65dB(A)	Around 800kg	2440*1350*1700mm
YCGZ-2	30-500mL	80-100 b/min				10 heads	2 heads				Around 1000kg	3300*1100*1700mm
YCGZ-3	30-500mL	40-60b/min; 80-100b/min				4 heads	1 heads				Around 800kg	2440*1350*1700mm

YCPG is suitable for liquid filling in pharmaceutical, healthcare, food industry, etc.



Features

- Compact machine
- Especially suitable for 3ml-25ml bottle
- Servo system+2 ceramic pump measuring filling
- The pump and other contact parts with drug liquid are SS316L
- The working table is covered by stainless steel
- Compliant with GMP requirement

Functions

- Shut down without bottle
- No bottle no filling
- No bottle no capping
- Screw capping has ip unit, do not hurt cap
- Product quantity count
- Alarm display

Format Range



Technical Parameter

Model	Bottle size	Production capacity	Power supply	Power	Compressed air consumption	Overall size
YCPG-1	3-25mL	40-60b/min	220V 50Hz	2.0kW	5m³/h	2440*1300*1700mm
YCPG-2		60-80b/min				3000*1350*1700mm

YCZG is mainly applicable to capping operation for antibiotic bottles in pharmaceutical factories.



Features

- Rolling-type hemming
- Pressure is adjustable
- Automatically finish bottles conveying, unscrambling and capping

Technical Parameter

Applied range	Capacity	Quantity of capping knife	Total power	Power supply	Noise	Total weight	Overall size
2-30mL	240-300b/min	6, 8, 12	1.0kW	220V 50Hz	65dB(A)	500kg	1500*11480*1382mm

YCFG is applicable to packaging of powder, solid particles in pharmaceutical and food industry with functions of filling, caps screwing and capping. This equipment is a kind of machine type Single-headed or double-headed filling/capping is available according to clients' specific requirements.



Features

- Compact machine
- Simple in operation

Functions

- Filling, caps screwing and capping

Format Range



Optional Functions

- Single-headed or double-headed filling
- Single-headed or double-headed capping

Technical Parameter

Filling weight	Capacity	Filling accuracy	Total power	Power supply	Total weight	Overall size
3-500g (change mold)	15-30b/min (single-headed); 20-60b/min (double-headed)	0.5-2%	1.5-2.0kW	220V 50Hz	750kg	2400*1200*1800mm

YCDL is suitable for 5-300ml syrup putting cup, the machine structure is reasonable, uses three star wheel, continuously feed bottle and cup.



Features

- Compact machine
- Accurate Pressing cup and positioning
- Stable transmission
- The star wheel is made by PE material
- The working table is covered by stainless steel.
- Compliant with GMP requirement
- Easy to change size format for variety of product sizes

Features

- Shut down without bottle
- No cup machine stop
- Product quantity count
- Alarm display

Technical Parameter

Applied range	Capacity	Total power	Power supply	Noise	Total weight	Overall size
30-500mL	100-200b/min	1.5kW	220V 50Hz	220V 50Hz	75dB(A)	2440*1650*1700mm

YCXG is suitable for inner and external clean for 2-500ml various materials round bottle or irregular bottle with holder to make bottle reach the requirement of production.



Features

- Suitable for inner and external clean for 2-500ml various materials round bottle or irregular bottle with holder.
- Firstly wash by ultrasonic waves, secondly two water and one air wash (tap water, purified water and oil-free compressed air), and then oil-free compressed air blow inside bottle, to make bottle reach the requirement of production.
- After changing the specifications of the mold, the product can be applied to a variety of product sizes. And our company mold can change in full set, it is convenient to adjust.

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Compressed air consumption	Water consumption	Overall size
YCXG-1	30-500mL	40-60b/min	220V 50Hz	2.0kW	10m³/h	0.5t/h	1400*1120*1140mm
YCXG-2	30-500mL	80-100b/min	220V 50Hz	2.0kW	10m³/h	0.5t/h	

YCXL use vertical gyration structure. It adopts the way of clamping and overturning bottles with manipulator and the principle of ultrasonic cleaning and washing by alternant jetting water and airflow to clean the containers one by one.



Features

- Energy saving, and has good washing effect
- Circulation water, compressed air and WFI adopt independent needles are inserted into bottle to flush
- No cross contamination
- No water and air loss
- Available to observe whole washing process through eyes
- Convenient for operation and maintenance

Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Compressed air consumption	Water consumption	Overall size
YCXL-60	1-50mL	200-240b/min	220V 50Hz	16kW	20m³/h	0.5	2400*2100*1300mm
YCXL-80		250-350b/min			30m³/h	0.8	
YCXL-100		350-400b/min			40m³/h	1.0	2600*2100*1300mm

YCXQ is cleaning machine for plastic bottle clean in pharmaceutical industry, which is suitable for 5-200ml round bottle.



Features

- Compliant with GMP requirement
- Surface is made of SS304
- The transmission is stable
- No air contamination
- Small noise
- Low loss is
- Stable output

Features

- Shut down without bottle
- Product quantity count
- Alarm display
- Applied to a variety of product sizes
- Convenient to adjust specifications of the mold

Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Compressed air consumption	Overall size
YCXQ-1	40-60b/min	40-60b/min	220V 50Hz	1.5kW	10m³/h	2000*760*1700mm
YCXQ-2	80-120b/min	80-120b/min				2000*800*1700mm

YCRX is mainly used for drying and sterilizing and depyrogenation on antibiotic tube bottle, molded bottle, ampoule bottle, infusion bottle and oral liquid bottle. The machine can make bottle stay 300 °C temperature for 5 minutes, to reach drying, sterilizing, and depyrogenation.



Features

- The machine can be used individually, can also compose automatic production line
- Tunnel structure, which is divided into pre-heating, high temperature sterilizing, and cooling
- Hot air laminar flow and air high temperature sterilizing principle
- Good heat distribution, and good effect on depyrogenation
- The equipment components are all international brand

Technical Parameter

Production capacity	Temperature adjustment	Conveying method	Conveying speed	Power supply	Power
4000-24000b/min (Depends on bottle size)	100-320 °C	width 600-800 mm, Mesh belt type	adjustable	380V 50Hz	58kW
Cooling method		Heating method	Cleanness in chamber	Weight	Overall size
Air cooling; Bottle discharge temperature class 100 room temperature 40 °C		Hot air circulation	Class 100 laminar flow hood	3000kg	2000*800*1700mm



YCLP is suitable for plastic bottle automatically unscrambling in pharmaceutical industry. It is suitable for 5-200ml round bottle.



Format Range



Features

- Surplus bottle, stop the unscrambler, short bottle, turn on unscrambler
- Surplus bottle stop the elevator, short bottle, turn on elevator
- Can be in line with other equipment

Features

- Surface is made of SS304
- Stable transmission
- No air contamination
- Small noise
- Low loss
- Stable Output
- Compliant with GMP requirement

Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Compressed air consumption	Overall size
YCLP-1	3-25 mL	40-130b/min	220V 50Hz	0.09kW	1000*1600*1650mm
YCLP-2	30-50 mL	80-150b/min		0.12kW	1170*1800*1650mm
YCLP-3	60-80 mL	80-150b/min		0.5kW	1200*1900*1650mm
YCLP-4	60-100 mL	100-160b/min			1400*2320*1650mm
YCLP-5	120-300 mL	120-200b/min			1650*2660*1650mm



YCGP is suitable for liquid and infusion bottle manual feeding and automatically organizing bottle in pharmaceutical industry. The machine adopts a turntable to let the bottle go into bottle feeding rail.



Features

- Compact machine
- Surface is made of SS304
- Compliant with GMP requirement

Technical Parameter

Applied range	Production capacity	Total power	Power supply	Noise	Total weight	Overall size
30-500mL	Matched with connected machine	0.09kW	220V 50Hz	65dB(A)	Around 200kg	950*1200*1100mm

YCWT is suitable for labelling round tube-type bottles and round objects. It is controlled by stepping motor or servo motor.



Features

- Controlled by stepping motor or servo motor
- Imported touch screen
- Accurate labelling
- Small errors
- High efficiency
- Output shift production records connecting to a printer
- Automatically monitor production status

Optional Functions

- Malfunction warning
- Numerical value warning

Label Specifications

Inner diameter of label's core	76mm
Outer maximum diameter	350mm
Label width	10-80mm
Label length	10-200mm

Technical Parameter

Label speed	Bottle range	Total power	Power supply	Total weight	Overall size
35m/min	18-100mm	0.8kW	220V 50Hz	300kg	2150*700*1350mm

YCLT is suitable for labelling round tube-type bottles and round objects. It is controlled by stepping motor or servo motor.



Features

- Controlled by stepping motor or servo motor
- Imported touch screen
- Accurate labelling
- Small errors
- High efficiency
- Output shift production records connecting to a printer
- Automatically monitor production status

Features

- Malfunction warning
- Numerical value warning

Label Specifications

Label length	10-200 mm
Inner diameter of label's core	76 mm
Outer maximum diameter	350 mm
Label width	10-80 mm

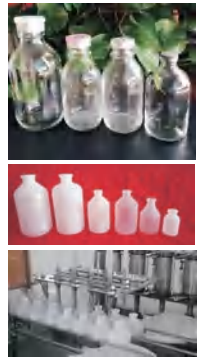
Technical Parameter

Label speed	Bottle range	Total power	Power supply	Total weight	Overall size
35m/min	18-100mm	0.8kW	220V 50Hz	300kg	2000*600*1350mm

The line consists of YCGP Turntable, YCGS Filling and stoppering machine and YCZ star wheel positioning type capping machine. It is suitable for 5-300ml vaccine bottle automatic unscrambling, filling and stoppering, screw(crimp)capping, and labeling, etc.



Format Range



Features

- Filling from 5-300 mL
- Applied to various specifications of product by changing mold
- Easy to adjust

Features

- YCGP Store bottle, organize bottle, transfer bottle, meet the requirement of production.(select automatic unscrambler as option)
- YCGS Filling and stoppering machine adopts servo system+stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle, solve the two major difficulties in vaccine industry,i.e. filling accuracy and the last drop.
- YCZ Star wheel positioning type capping machine is suitable for various material and various type bottle putting cap and screw(crimp) capping. Such as: aluminium cap, screw cap, pilfer-proof cap, press cap, etc

Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCGP	30-500mL	40-100b/min	40-100b/min	0.5kW	1400*2320*1650mm
YCGS-1		40-60b/min	40-60b/min	2.0kW	2440*1050*1700mm
YCGS-2		80-100b/min	80-100b/min		3300*1100*1700mm
YCZ-1		40-60b/min	40-60b/min	1.5kW	2440*1300*1700mm
YCZ-2		80-100b/min	80-100b/min		2600*1200*1700mm
YCLT		40-150b/min	40-150b/min	0.8 kW	2000*1050*1300mm

This line consists of YCGP Turntable, YCXG Rotary cylinder ultrasonic washing machine, YCRX Hot air circulating and Sterilizing tunnel, YCGZ Filling and screw(crimp) capping machine and YCLT Vertical adhesive labeling machine.



Features

- Suitable for pharmaceutical syrup production
- Up to 12,000 containers per hour
- Filling from 20-500 mL
- Wide format range with easily change of mold
- Circulation water, compressed air and WFI adopt independent needles are inserted into bottle to flush
- No cross contamination
- No water and air loss
- Available to observe whole washing process through eyes
- Convenient for operation and maintenance.

Functions

- YCGP Turntable: Storage of bottle, unscrambling the bottle and feeding bottle.
- YCXG Rotary cylinder ultrasonic washing machine: Adopt ultrasonic cavitation principle, which can effectively clean the inner and outer bottle surface, such as particles and oil. And water/air needle insert the bottle and make two water one compressed air clean.
- YCRX Hot air circulating and Sterilizing tunnel adopts hot air flow and hot air high temperature sterilizing principle to have the bottle sterilized and depyrogenated. It has the characteristics of uniform heat distribution, the effect of depyrogen. The electrical and pneumatic components are all international brand.
- YCGZ Filling and capping machine adopts servo system+ stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble, screw capping has slipping unit, it will not hurt the cap. It is easy for the replacement of format.
- YCLT Vertical labeling machine adopts servomotor driving, clear coding, and easy replacement of letter, and high quality of labeling.

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCGP	30-500mL	40-100 b/min	220V 50Hz	0.09kW	950*1200*1100mm
YCXG-1		40-60 b/min		2.0kW	1400*1120*1140mm
YCXG-2		80-100 b/min			
YCRX		40-100 b/min		58kW	5000*1700*2300mm
YCGZ-1		40-60 b/min			
YCGZ-2		80-100 b/min		2.0kW	2440*1350*1700mm
YCLT	10-500mL	40-150 b/min	2000*1050*1300mm		

The line consists of YCLP-5 Automatic unscrambler, YCGX Filling and screw capping machine, YCDL Cupping machine and YCLT Vertical adhesive labeling machine.



Features

- Suitable for pharmaceutical syrup production
- Up to 12,000 containers per hour
- Filling from 5-300mL

Features

- YCLP-5 Automatic unscrambler organize disordered bottle, it can continuously feed bottle, turn bottle and transfer bottle. The unscrambling success rate is high.
- YCGX Filling and screw capping machine adopts servo system+ stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble. Screw capping has slip unit, do not hurt cap. The bottle feeding is driven on module by the synchronous belt, it is easy for the replacement of format.
- YCDL Cupping machine has high ratio of putting the cup, it is stable to press the cup and it is easy for the replacement of format.
- YCLT Vertical adhesive labeling machine adopts servo motor driving, clear coding, and easy replacement of of letter, and high quality of labeling.

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCLP-5	5-300mL	150-200b/min	220V 50Hz	0.5kW	1650*2660*1650mm
YCGX			380V 50Hz	3.5kW	4500*2230*1700mm
YCDL			220V 50Hz	1.0kW	2440*1650*1700mm
YCLT				0.8kW	2000*1050*1300mm

The line consists of YCGP Turntable, YCGZ-1 Filling and screw capping machine, YCLB Aluminum foil sealing machine and YCLT Vertical adhesive labeling machine.



Features

- Up to 3,600 containers per hour
- Filling from 20-500 mL

Features

- YCGP Unscrambler store bottle, unscramble bottle, and transfer bottle to meet the production capacity.
- YCGZ-1 Filling and screw capping machine adopts servo system+ stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble. Screw capping has dip unit, do not hurt cap. It is easy for the replacement of format.
- YCLB Aluminum foil sealing machine has rejection function for no aluminum foil, alarm during water shortage. The temperature can be adjusted.
- YCLT Vertical adhesive labeling machine adopts servo motor driving, clear coding, and easy replacement of of letter, and high quality of labeling.

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCGP	20-500mL	40-60b/min	220V 50Hz	0.09kW	950*1200*1050mm
YCGZ-1				2.0kW	2440*1350*1700mm
YCLB				3.0kW	1800*820*1300mm
YCLT				0.8kW	2000*1050*1300mm

The line consists of YCGP Turntable, YCGZ-1 Filling and screw capping machine, YCLB Aluminum foil sealing machine and YCLT Vertical adhesive labeling machine.



Features

- Suitable for pharmaceutical gargle
- Filling from 20-500 mL
- A wide range of application
- Easy to adjust

Features

- YCLP Automatic unscrambler organizes disordered bottles, it can continuously feed bottle, turn bottle and transfer bottle, it has high success ratio of unscrambling.
- YCGS-3 Filling and stoppering machine adopts servo system+stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble. It has rejection function for no stoppering. It is easy for the replacement of format.
- YCXG Ferrule capping machine has high success ratio of putting cap, screw capping has slipping system, it will not hurt the cap. It is easy for the replacement of format.
- YCLT Vertical adhesive labeling machine adopts servo motor driving, clear coding, and easy replacement of letter, and high quality of labeling.

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCGP	50-500mL	40-100b/min	220V 50Hz	0.09kW	950*1200*1100mm
YCXG-1		40-60b/min		2.0kW	1400*1120*11400mm
YCXG-2		80-100b/min		58kW	5000*1700*2300 mm
YCRX		40-100b/min		2.0kW	2440*1050*1700 mm
YCGS-1		40-60b/min			3300*1100*1700 mm
YCGS-2		80-100b/min		1.5kW	2440*1300*1700 mm
YCZ-1		40-60b/min			2600*1200*1700mm
YCZ-2		80-100b/min			0.8kW
YCLT		20-500mL		40-150b/min	

This line consists of YCGP Turntable, YCXG Rotary cylinder ultrasonic washing machine, YCRX Sterilizing tunnel, and YCGS Filling, stoppering machine, YCZ Star wheel positioning type capping machine and YCLT Vertical adhesive labeling machine. This line is suitable for 20-500ml bottle feeding, washing, drying and sterilizing, filling and stoppering, crimp(screw) capping, and labeling, etc.



Features

- Filling from 20-500 mL
- Applied to various specifications of product by changing mold
- Wide range of application
- Easy to adjust

Features

- YCGP Turntable: Storage of bottle, unscrambling the bottle and feeding bottle.
- YCXG Rotary cylinder ultrasonic washing machine: Adopt ultrasonic cavitation principle, which can effectively clean the inner and outer bottle surface, such as particles and oil. And water/air needle insert the bottle and make two water one compressed air clean.
- YCRX Hot air circulating and Sterilizing tunnel adopts hot air flow and hot air high temperature sterilizing principle to have the bottle sterilized and depyrogenated. It has the characteristics of uniform heat distribution, no effect of depyrogen. The electrical and pneumatic components are all international brand.
- YCGS Filling and stoppering machine adopts servo system+stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble.
- YCZ Star wheel positioning type capping machine is suitable for various material and various type bottle putting cap and screw(crimp)capping. Such as: aluminium cap, screw cap, pilfer-proof cap, press cap, etc

Format Range



Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCGP	50-500mL	40-100b/min	220V 50Hz	0.09kW	950*1200*1100mm
YCXG-1		40-60b/min		2.0kW	1400*1120*11400mm
YCXG-2		80-100b/min		58kW	5000*1700*2300 mm
YCRX		40-100b/min		2.0kW	2440*1050*1700 mm
YCGS-1		40-60b/min			3300*1100*1700 mm
YCGS-2		80-100b/min		1.5kW	2440*1300*1700 mm
YCZ-1		40-60b/min			2600*1200*1700mm
YCZ-2		80-100b/min		0.8kW	2000*1050*1300mm
YCLT		20-500mL			40-150b/min

This line consists of YCGP Turntable, YCXG Rotary cylinder ultrasonic washing machine, YCRX Sterilizing tunnel, and YCGS Filling, stoppering machine, YCZ Star wheel positioning type capping machine and YCLT Vertical adhesive labeling machine. This line is suitable for 20-500ml bottle feeding, washing, drying and sterilizing, filling and stoppering, crimp(screw) capping, and labeling, etc.



Features

- Filling from 20-500 mL
- Applied to various specifications of product by changing mold
- Wide range of application
- Easy to adjust

Features

- The filling adopts servo system+ stainless steel pump filling, the filling speed can be adjusted, and the filling is gentle to prevent from liquid leak and reduce bubble. Screw capping has slip unit, do not hurt cap. It has rejection function for none capping, and separation of bottles. It is easy and fast for the replacement of format.

Format Range



Technical Parameter

Applied range	Capacity	Filling method	Filling accuracy	Total power	Power supply	Noise	Overall size
2-500mL	4-100b/min	servo system+ stainless steel pump (Peristaltic pump optional)	±1%	3.0kW	220V 50Hz	65dB(A)	7.5m

This line consists of YCGP Turntable, YCXG Rotary cylinder ultrasonic washing machine, YCRX Sterilizing tunnel, and YCGS Filling, stoppering machine, YCZ Star wheel positioning type capping machine and YCLT Vertical adhesive labeling machine. This line is suitable for 20-500ml bottle feeding, washing, drying and sterilizing, filling and stoppering, crimp(screw) capping, and labeling, etc.



Format Range



Features

- YCXG Washing machine adopts ultrasonic washing and independent water and compressed air spraying wash, during the whole period of pressure spray of water and compressed air, the washing media use individual needle, to avoid washing media cross contamination, the washed oral liquid bottle is compliant with GMP requirement.
- YCRX Hot air circulating and Sterilizing tunnel adopts hot air flow and hot air high temperature sterilizing principle to have the bottle sterilized and depyrogenated. It has the characteristics of uniform heat distribution, no effect of depyrogen. The electrical and pneumatic components are all international brand.
- YCKF Oral liquid filling and capping machine adopts big starwheel to feed bottle, the filling needle is reciprocating tracking, and the single capping knife is rotary pressing, it has high success ratio on capping, and good adaptability.

Technical Parameter

Model	Containers sizes	Production capacity	Power supply	Power	Overall size
YCXG	5-25mL	250-450b/min	220V 50Hz	16kW	2400*2100*1300mm
YCRX	5-25mL		380V 50Hz	58kW	4500*1500*2300mm
YCKF	5-25mL		220V 50Hz	3.0kW	4500*1500*1700mm

This eye drop filling line mainly consists of bottle unscrambling and feeding, ion air washing and filling, stoppering and capping units, to accomplish eye drop bottle unscrambling, feeding, ion air destaticizing, air washing, metering and filling, stoppering, putting caps and screw capping, etc. After changing the specifications of the mold, the product can be applied to a variety of product sizes. And it is easy to adjust, there is no need special tools for disassembly.



Format Range



Features

- This line has function that the unscrambler stops when the bottle surplus on filling machine; no bottle no filling, no stoppering; no stoppering no capping. During the capping, the bottle is held and positioned by cylinder, it prevents bottle slip. Screw capping has slip unit, do not hurt cap.
- The filling machine adopts servo system+ stainless steel pump filling, the filling accuracy is high, and the filling volume can be directly adjusted on touch screen.
- The whole process is operated under the protection of sterile isolation of 100 class laminar flow hood, to make sure of eye drop sterile production, and comply with the requirement of GMP on GB, the production line is also suitable for small volume plastic bottle filling production.

Technical Parameter

Model	Applied range	Capacity	Compressed air consumption	Power	Power supply	Noise	Production line length
YCDY-1	1-30mL plastic round bottle	Single-headed 40-60 b/min	0.5-0.6MPa 10m³/h	7kW	220V 50Hz	75dB(A)	7m
YCDY-2		Double-headed 80-100b/min					