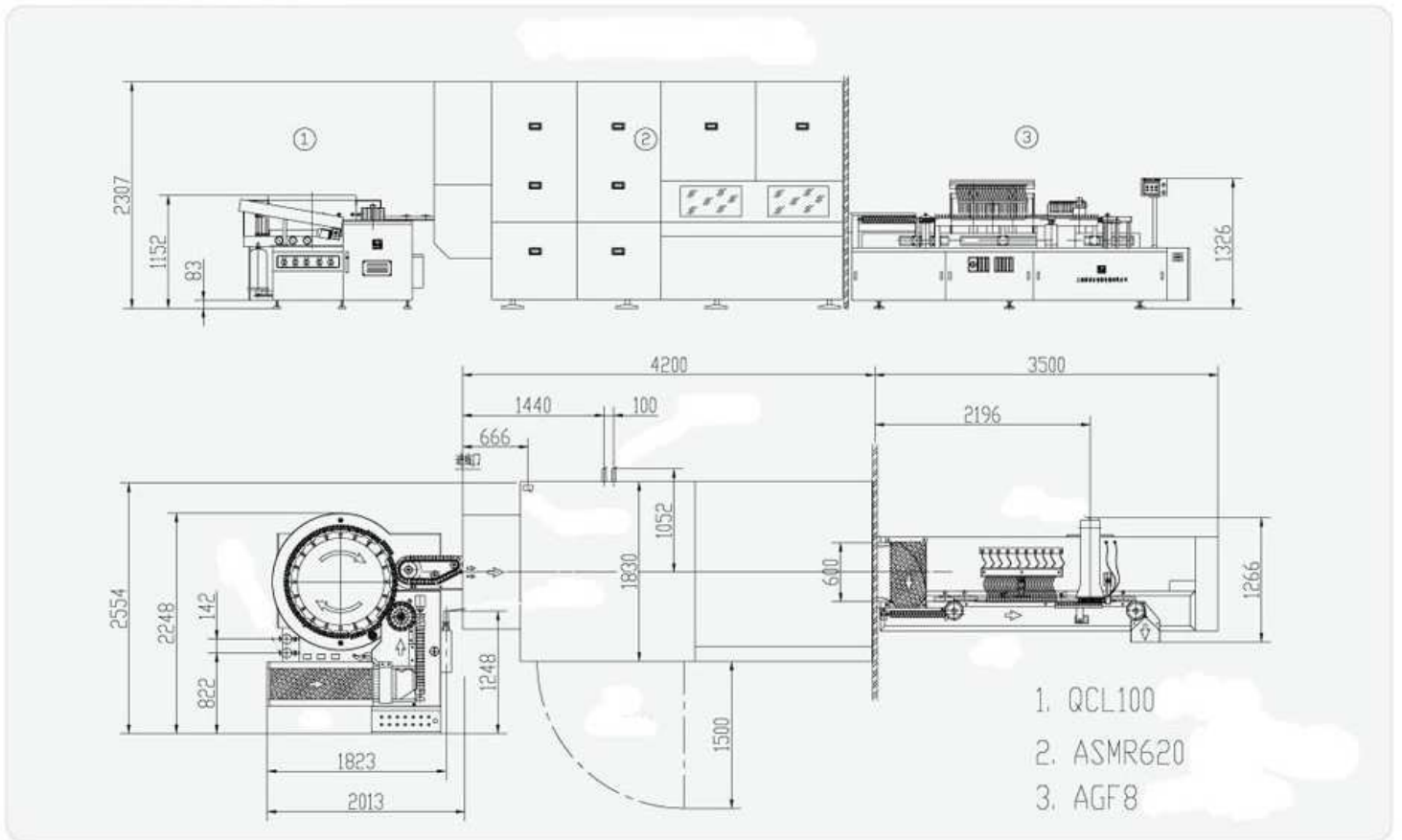


ALXIII-XII New Ampoule Ultrasonic Washing & Drying Bottling & Capping Machine



Layout diagram



ALXIII-XII

New ampoule ultrasonic washing & drying bottling & capping machine

Product Elucidation:

The machine is composed of QCL series of vertical ultrasonic Bottle washing machine, ASMR hot wind cycling oven, AGF series of vertical Bottling & Capping machine and it can be used individually. It is suitable for production of 1–20ml ampoules, to complete procedures such as water spraying, ultrasonic cleaning, three–time water washing (two–time cycling water, one–time fresh water), three–time air charging, drying and sterilizing, cooling, bottling, air charging (air charging and nitrogen charging).

The machine is a new automatic production line developed and patented by our company by making efforts for years, and based on foreign technologies digested and assimilated. PLC control, variable frequency speed regulation or man–machine touch screen control technologies are used on the machine, stable and reliable. The touch screen can display operating status of all units, water pressures, gas pressures and temperatures in all controlled points, status of all switches and all faults, faults self–diagnosis, faults analysis results and solutions, to realize automatic control on whole production process.

Applications:

- ❑ 1. Mechanical hand jugged bottles are used in the bottle washing machine, suitable for 1–20ml ampoules.
- ❑ 2. Tracked water and gas channels are available for bottles washing, with a high–quality spraying and washing procedure, saving water.
- ❑ 3. Bottle washing coarse cleaning water and fine cleaning water channels are separated, without intercrossing pollution.
- ❑ 4. Bottle washing machine spraying pin is attached by imported ceramic sheathes, without abrasion.
- ❑ 5. Bottles outlet after washing are transferred by synchronous belts to transfer ampoules, stable and reliable.
- ❑ 6. With hot wind cycling heating process, with uniform temperature, saving energy.
- ❑ 7. Oven is attached with power–failure high–temperature highly efficient self–burning prevention unit, highly safe.
- ❑ 8. Oven can be attached with cycling water cooling unit, to reduce wind pressure unbalance and adjustable wind amount consumed in clean workshops.
- ❑ 9. With three units combined and balanced, to make production balanced and reliable.
- ❑ 10. With three units combined and balanced, to ensure balanced and reliable production.
- ❑ 11. Vertical Bottling & Capping machine' s bottle feeding unit is a uniform speed roller instead of a sector roller, to reduce broken bottles rate.
- ❑ 12. Bottling & Capping machine is attached with pin rack and automatic locking devices.
- ❑ 13. Bottling & Capping machine adopts imported synchronous belt bottle gear box to replace traditional bottle box, with little abrasion, reliable.
- ❑ 14. Bottling & Capping machine can be attached with 100–grade laminar flow cover, and users also can attach by themselves.



Main technical specification			
Model	QCL100-ASMR620+AGF8/1-20	QCL120-ASMR620+ACF10/1-5	QCL120-ASMR620+AGF12/1-5
Suitable specification	1-20ml(GB standard ampoules)	1-5ml(GB standard ampoules)	1-5ml(GB standard ampoules)
Production capacity	1-2ml 22000pcs/h	1-2ml 28000pcs/h	22000-35000pcs/h
	5ml 16000pcs/h		
	10ml 11000pcs/h	5ml 20000pcs/h	
	20ml 6000-8000pcs/h		
Clearness	>99%		
Bottling&capping qualified rate	No less than 99% (standard solution)		
Quantity error	According to national pharmacopoeia standards in China		
Fresh water consumption and pressure	Consumption:0.4-1.0m ³ /h 0.2MPa		
Purified compressed air amount consumed and pressure	Consumption:30-75 m ³ /h 0.15MPa		
Sterilizing temperature	300℃-350℃		
Air clearness	Level 100		
Gas fuel amount consumed and pressure	Consumption:1.5-2.5 m ³ /h 0.2-0.3MPa		
Oxygen amount consumed and pressure	Consumption:1.2-1.5 m ³ /h 0.2-0.3MPa		
Overall dimension	(LxWxH mm) 9713x2554x2307		
Weight	7500kg		
Power capacity	(380V 50Hz) 71kW		