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## TECHNICAL SPECIFICATION STENCIL CLEANING

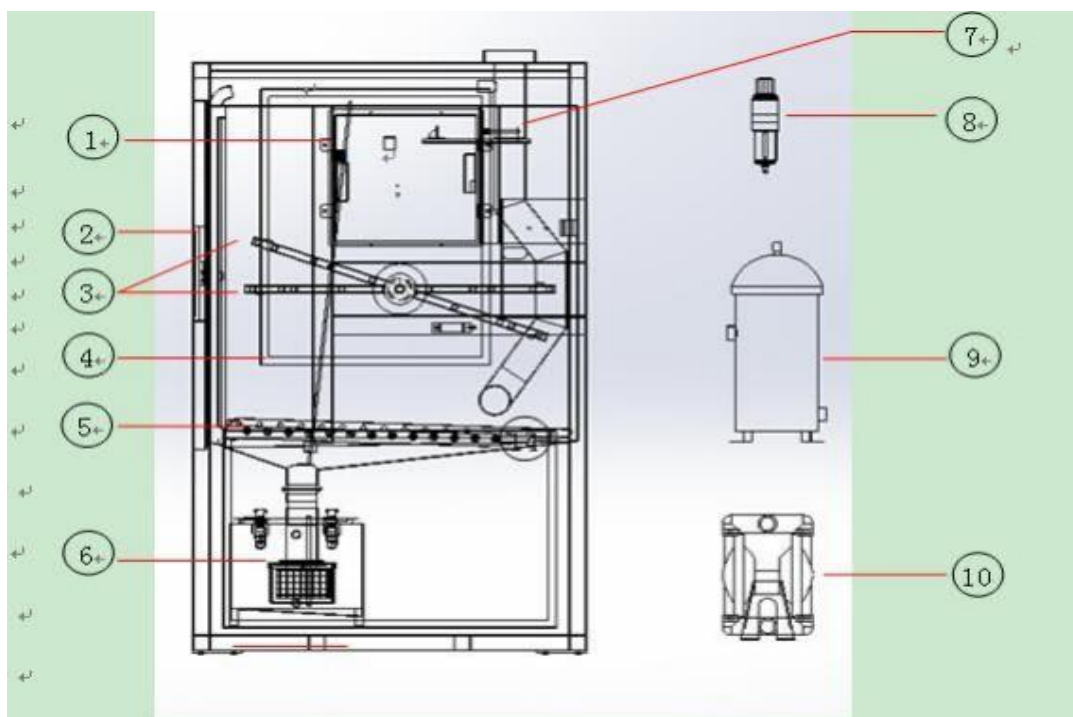
### MACHINE, Model no: GL-750



#### A. EQUIPMENT INTRODUCTION

The GL-750 is fully pneumatic steel mesh cleaning machine is specifically designed for cleaning solder paste printed steel mesh and red adhesive steel mesh in the SMT process. The whole machine is powered by compressed air, made of SUS304 stainless steel material, integrating high-quality components from around the world. Strict manufacturing processes and precision manufacturing ensure its quality, efficiency, and reliability. The machine adopts a one click operation, and the spraying method automatically completes the cleaning and drying process, with special gas

The rotating mechanism of the pump and spray rod generates stable cleaning and spraying force on both sides of the steel mesh, ensuring excellent cleaning quality of the steel mesh

B. Equipment composition

编号 Number	名称 Name
1	气动控制箱 <i>Pneumatic control box</i>
2	操作面板 <i>Operation panel</i>
3	喷杆 <i>Spray rod</i>
4	喷淋室 <i>Spray room</i>
5	导向装置 <i>Guiding device</i>
6	储液箱 <i>Reservoir tank</i>
7	排气气缸 <i>Exhaust cylinder</i>
8	空气调压阀 <i>Air pressure regulating valve</i>
9	精密过滤器 <i>Precision filter</i>
10	隔膜泵 <i>Diaphragm pump</i>



- c. *EQUIPMENT FUNCTION* A combination of water-based cleaning solution and solvent, capable of cleaning solder paste steel mesh and red glue steel mesh

SUS304 all stainless steel body, beautiful, wear-resistant, corrosion-resistant, meets environmental requirements and standard.

All pipes, corner valves, and other control components are made of SUS304 material Pneumatic operation, no need for electricity, no safety hazards such as fire.

High density isobaric double-sided rotating cleaning nozzle, with strong cleaning power and no damage to the tension of the steel mesh

Three stage filtration system, low exhaust port and S-shaped exhaust duct design, solvent recycling Large liquid filter, more convenient to replace filter element, large flow rate, strong cleaning ability

Optimized rotating mechanism for smoother and wear free rotation of the spray bar

One click operation and automatic liquid filling and discharging function, very easy to operate

Global high-quality components ensure excellent quality, stable performance, and long service life

Modular control and quick insertion design make maintenance more convenient.



## TECHNICAL SPECIFICATION

序号 Number	名称 name	规格 specifications	备注 Remarks
1	钢网尺寸 Steel mesh size	L750*W750*T40(mm)	最大/Maximum
2	清洗液容量 Cleaning solution capacity	40L	兼用溶剂和水基 清洗液 Combining solvents and water-based cleaning solutions
3	清洗方式 Cleaning method	360°双侧喷杆旋转等压喷射清洗360 ° dual sided spray bar rotating equal pressure spray cleaning	
4	干燥方式 Drying method	压缩空气吹干Blow dry with compressed air	
5	推荐清洗时间 Recommended cleaning time	3-5 分钟3-5 minutes (锡膏钢网Solder paste steel mesh)	

6	推荐干燥时间 Recommended drying time	3-5 分钟3-5 minutes (锡膏钢网Solder paste steel mesh)	
7	过滤 Filter	1 级 1mm过滤网—保护泵； 1st level 1mm filter screen - protective pump 2 级 20um过滤袋—过滤固体颗粒； 2st Level 20um filter bag - filtering solid particles 3 级 1um过滤芯—过滤锡膏，胶水。 3st Level 1um filter element - filter solder paste and glue	
8	气源供应 Gas supply	0.5Mpa~ 0.7Mpa	
9	耗气量 Gas consumption	400~600L/min	
10	机器净重 Machine net weight	300Kg	
11	排气口尺寸 Exhaust port size	Φ120xH30mm	
12	机器尺寸 Machine dimensions	L800*W950*H1630(mm)	