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The water-based stencil cleaning machine is mainly for the electronics industry SMT stencil using water-based cleaning liquid for cleaning. Using the industry's most advanced cleaning process to achieve 100% cleanliness and environmental protection.

The machine consists of cleaning system, rinsing system, drying system, filtration system. The machine uses electricity and compressed air as energy source, manually puts the mesh board into the cleaning room, sets up the cleaning, rinsing, drying and other related parameters in the touch screen, and then presses the start button, the mesh board will be automatically cleaned, rinsed and dried. When the set cleaning process is finished, it will stop running automatically and reset to realize the next working process. This machine is very convenient for operators to clean the stencil, which greatly improves the production efficiency and quality. It is a new type of high performance automatic cleaning equipment. The equipment uses water-based liquid cleaning agent and DI water for rinsing, without any safety hazards, and no harm to personnel.

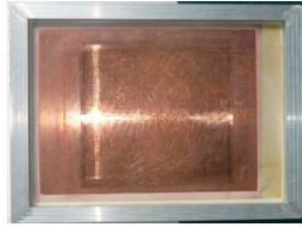
## Feature:

- High-pressure spraying system specialized for aqueous cleaning liquid cleaning of stencil, misprinted board, PCB/PCBA, and other processes.
- Double liquid tank, equipped with heating system, realizes the needs of cleaning, rinsing and hot air drying.
- Process flow: cleaning - chemical isolation - rinsing - drying.
- Advanced full-automatic touch screen operation software, program file saving, and its use and simplification.
- System counting function, can automatically accumulate the number of cleaned stencils and the number of circulating filtration times.
- Liquid and pump pressure can be displayed through the panel pressure gauge, timely feedback of the equipment operating conditions.
- Spray pressure is monitored by a pressure sensor, and an alarm will be generated if the set pressure range is exceeded. Resistivity monitoring of rinsing liquid to ensure cleanliness, resistivity can be set to meet different stencil process requirements.
- Liquid direct reflux, reduce liquid consumption.
- Integrated stainless steel body is strong and durable, resistant to acidic, alkaline and other cleaning liquids.
- High-pressure fan + hot air drying, drying effect is more rapid and thorough.

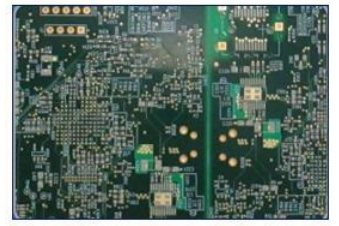
## Cleaning applications



SMT/SOP Stencil



Squeegee

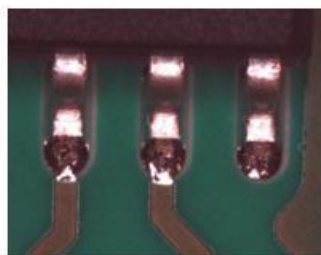
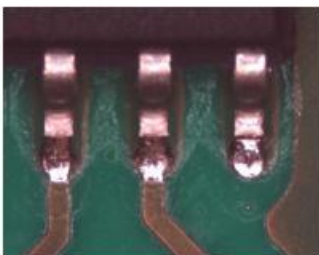


PCBA

- Visual seal design, can observe the whole process of cleaning.



- Comparison of cleaning effect



Before

After

## Specification:

Model Name		ND 68
Equipment dimensions	external	L1220*W1120*H1850 (mm)
Applicable size	stencil	L750 × W750 × H40(mm) 【Over size need to be
Maximum volume of liquid tank		42 L*2PCS
Cleaning and rinsing method		left and right mobile high-pressure liquid spray cleaning.
Drying method		High-pressure hot air wind cut (optional super model)
Cleaning liquid isolation time		40- 60S
Cleaning time		2- 5min
Drying time		2- 5min
Cleaning liquid recycling filtration		1μm (filtering micro-objects: solder paste, rosin, red glue and pollutants)
Rinsing liquid discharge filtration		5μm (Filtering micro-substances: solder paste, rosin, red glue and contaminants)
Liquid temperature	heating	room temperature to 60°C
External source	gas	0.4~0.6 (Mpa)
Water pressure		0.2~0.3(Mpa)
Exhaust port size	port	Φ125×H25(m m)
Power supply		AC380V 50HZ
Total power		about 25KW
Net weight		550 Kg

