



SMTfly Electronic Equipment Manufacturing Ltd

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SMTfly--800 Characteristics of water - based steel mesh washing machine

1.Quick & super clean effect:

SMT steel mesh, copper mesh, resin mesh, screen, PCB misprinting board and PCBA board, can quickly and effectively clean the surface after printing to the residual solder paste, red plastic and other pollutants;

2.Standard water-based automatic cleaning mode:

In a cleaning room to complete the cleaning, rinsing, drying all the cleaning process, small size, compact structure;

3.Full Process Visualization:

The cleaning room is equipped with a visual window, the cleaning process at a glance;

4.Wide range of applications:

SMT stencil, screen, India plastic governance, SMT scraper, large size PCBA, Misprint plate;

5.DI water real-time resistivity cleanliness monitoring system:

Used to monitor the cleaning effect, the resistivity can be set, resistivity control range 0 ~ 18M Ω ;

6. Nozzle pressure adjustable and symmetrical design:

To solve the SMT steel mesh in the cleaning process by high pressure spray conditions under the tension problem;

7.Standard cleaning tank heating system:

Water-based process on the needs of heating emulsification, greatly improving the cleaning efficiency, shorten the cleaning time;

8.Low operating costs:

Built-in filter device can be used to achieve the recycling of solvents to extend the pollutant load saturation time, at the end of the cleaning using compressed air recovery pipeline and the pump within the residual chemical solution, can effectively save 50% cleaning agent;

9.Can be cleaned oversize size PCBA (800mmx800mm)

10.High pressure fan + four wind knife wind cut dry:

Using 5.5HP high pressure fan, more efficient (3 to 5 minutes), more thoroughly!

11.Full Chinese large touch screen interface:

Color touch screen, PCL control, according to the program run; can set the solution temperature, cleaning time, rinse times / time, rinse temperature, drying time, drying temperature, conductivity monitoring and other parameters.

SMTfly-800 Technical specifications for water - based steel net cleaning machines

Applicable screen size	Maximum750(L)*750(W)*40(H)mm(Special size should be customized)
Liquid tank capacity	50L* 2PCS
Cleaning method	Steel net reciprocating movement, cleaning liquid high pressure liquid jet
Rinse method	Open loop DI water or closed-loop chemical spray
Drying method	Four wind knife wind cut dry

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Cleaning time	2-5mins
Cleaning isolation time	1min
Rinse time	2-5mins
Rinse Drying time	3-5mins
Resistivity tester range	0--18M Ω
Liquid heating temperature	Room temperature $\sim 60^{\circ}\text{C}$
Liquid tank heater power(KW)	9KW
Rinse tank heater power	9KW
Noise	Less than 65 decibels
Drying temperature	Room temperature --90 $^{\circ}\text{C}$
Drying heater power(KW)	9KW
The total power is about	33KW Normal working power 3-6KW
Chemical liquid level filter	0.45 μm
DI water filter	0.45 μm
DI water supply	30~60L/min
DI water pressure	$\leq 0.4\text{mpa}$
Water intake	G3/4" Inner teeth
Drainage	G3/4" Inner teeth
Row of chemical liquid mouth	$\Phi 12$ hose
Spray pump	4HP Stainless steel multi-stage centrifugal pump
Exhaust size	$\Phi 123\text{mm}$
Power supply / gas source	AC380V 50HZ 90A / 0.45Mpa-----0.7Mpa
Net weight	500Kg
Dimension	about 1500mm(L)*1260mm(W)* 1900mm(H)

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