



Machine Introduction:

SME-5600 PCBA off-line cleaning machine is a compact, energy-saving, environmentally friendly, batch cleaning of the integrated offline cleaning machine, can effectively clean the PCBA surface residual flux, solder paste and other organic and inorganic pollutants after the welding of SMT SMD and THT plug-in. Widely used in: automotive electronics, military, aviation, aerospace, medical, LED, intelligent instrumentation and other industries.

Machine Features:

1. Comprehensive cleaning, can be thoroughly cleaned after PCB welding surface residues of rosin flux, water-soluble flux, no-clean flux, solder paste and other organic and inorganic pollutants.
2. Suitable for small batch, multi-species PCBA cleaning.
3. Double layer cleaning basket, loading PCBA in layers; size L610*W560*H100(mm), total 2 layers.
4. The cleaning room is equipped with a visualization window, the cleaning process can be observed.
5. Simple Chinese operation interface, quick setting of cleaning process parameters, PLC control, cleaning program can be stored.
6. Liquid heating temperature control system, the cleaning liquid is heated to the right temperature to improve the cleaning efficiency and shorten the cleaning time.
7. Cleaning solution recycling, reduce the amount of solution, spray bar cleaning pressure can be adjusted as needed.
8. Real-time DI water resistivity monitoring system, resistivity control range 0 ~ 18MΩ.
9. Set multiple DI water rinsing as needed, high standard of cleanliness, ionic contamination in line with the requirements.
10. The whole machine 304 stainless steel material, durable, acid and alkali cleaning fluid corrosion resistance, design service life of 15 years.

Machine specifications:

NO.	Item	SMS-5600 Specifications
1	Cleaning basket size	L610*W560*H100(mm)*2 layers
2	Spray liquid tank capacity	18L
3	Liquid tank capacity	30L
4	Diluent tank capacity	60L
5	Cleaning time	5~20 mins
6	Rinsing time	1~2min/time
7	Number of rinses	1~99 times
8	Drying time	10~30 mins
9	Liquid Heating Temp.	indoor temperature~60℃
10	PCB Drying Temp.	indoor temperature~99℃
11	Resistivity test range	0~18MΩ
12	DI water supply/pressure	30~65L/Min, 0.2~0.4kgf/cm ²
13	Air vent size	Φ76xH50(mm)
14	Power/Gas Supply	AC380V3P,50/60HZ,30KW/0.5Mpa,200~400L/Min
15	Machine Dimension	L1300*W1200*H1850(mm)
16	Machine weight	600KG