

AT-7000

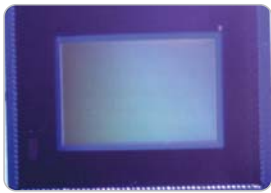
Inline PCBA Cleaning Machine



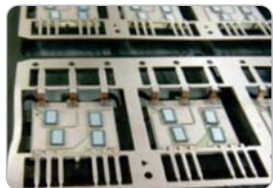
Application:



PCBA



CMOS Flux
Cleaning



Semiconductor
Flux Cleaning



Semiconductor
Flux Cleaning

Details Introduction

The A7000 inline cleaning machine with water-based cleaning chemical liquid is used in electronic assembly industry. To remove the flux residue, solder paste, solder ball, dust and other pollution on surface, rinsing with DI water, 100% cleanness, no security risk and no damage with human and environment.

The whole system consists of chemical cleaning section, chemical ISO section, DI water pre-rinse section, DI water rinse section, air knife drying section and hot air drying section. Using electric as energy, the conveyer transfers products to every section which is very efficient and convenient.

Shenzhen KED Optical Electric Technology Co.,Ltd.

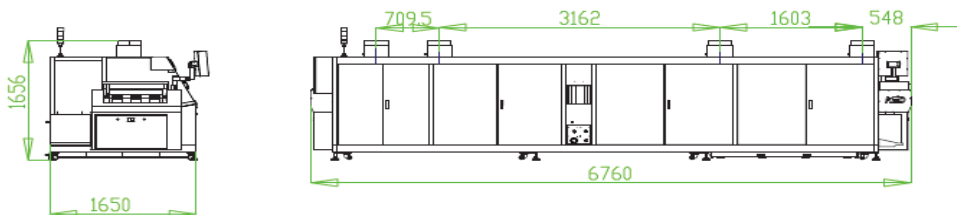
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Technical Parameters

Machine Dimension	6760mm(L) x 1850mm(W) x 1650mm(H)
Net Weight	3000Kg
Product Cleaning Side (Max)	600mm(W) x 400mm(L) x 100mm(H) *Smaller Size Products May Need Jigs To Hold
Chemical Tank Capacity	38L
Rinsing Tank Capacity	129L
Cleaning Tank Capacity	280L
Cleaning Method	High Pressure Spraying (Nozzles located Top & Bottom)
Rinsing Method	High Pressure Spraying (Nozzles located Top & Bottom)
Drying Method	Hot Air Circulation + Air-Knife
DI Water Incoming Requirements	10L/Min
DI Water Consumption	8-12L/min
Transmission Mode	Chain + Roller + Conveyor Mesh Transfer
Transmission Direction	Left To Right (Difference Direction Will Need For Custom Make)
Transmission Speed Range	10cm - 150cm/min
Cleaning Pump Power	4KW + 5.5KW + 5.5KW
Rinsing Pump Power	1.5KW + 5.5KW + 1.5KW
Drying Blower Power	5.5KW x 2Pcs
Cleaning Heater Power	9KW*3Pcs
Rinsing Heater Power	9KW*3Pcs
Drying Heater Power	1KW*12 x 2 Pcs
Resistivity Monitoring Range	0 - 18MΩ.cm
Cleaning Filter Size	2mm Filter Net + 10µmFilter Core
Rinsing Filter Size	2mm Filter Net
Inlet Pipe Size	1 Inch
Outlet Pipe Size	2 Inch
Incoming Air Tubing Size	φ12mm
Cleaning Liquid Heater Range	Room Temperature - 55°C
Rinsing Liquid Heater Range	Room Temperature - 70°C
Drying Heater Range	Room Temperature - 90°C
Power Supply Requirements	AC380V 300A 50Hz
Overall Power	135KW
Exhaust Dimension	φ250mm
Noise	<76 Decibel



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