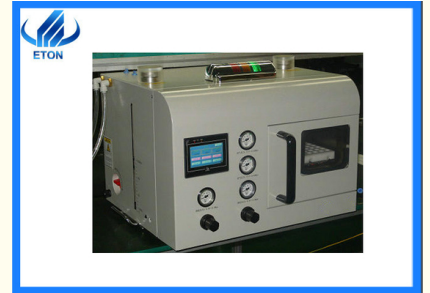




Automatic SMT nozzles Cleaner compressed air in the led production line

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE, CCC, SIRA
- Model Number: ET-SME24
- Minimum Order Quantity: 1 set
- Packaging Details: vacuum adsorption, wooden packing
- Delivery Time: 30 days after receive the down-payment
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Brand: ETON
- Model: ET-SME24
- Warranty: 1 Year
- Name: Nozzle Cleaner
- Application: SMT Production Line
- Local Service: India, Egypt, Vietnam
- Foreign Customer: More Than 30 Countries Have Our Customers
- Usage: For Pick And Place Machine's Nozzles Clean



More Images



Product Description

Automatic SMT nozzles Cleaner compressed air in the led production line

Features

No cleaning solution required
Low noise
High efficiency and energy saving
24 suction nozzles cleaned at a time

Principle and configuration features of cleaning machine

The suction nozzle cleaning machine adopts a unique mechanical design. It uses fluid mechanics to break the water and produce a very small high-pressure water mist.

It forms a powerful kinetic energy jet on the suction nozzle at the sonic speed ($v = 360\text{m/s}$), forms a continuous energy field above the suction nozzle to be cleaned, and thoroughly smashes the dirt on the surface and inside (since the suction nozzle is placed independently, it will not damage the suction nozzle during the cleaning process). After cleaning, it will not damage the suction nozzle. During the process, the cleaning solution (deionized water or distilled water) is automatically discharged directly.

High quality touch screen human-machine interface, PLC control;

The pneumatic part uses imported SMC pneumatic components from Japan, which ensures stable and efficient working efficiency;

The key parts of the whole machine are all made of 304 stainless steel imported from Japan, and the special parts are made of 316 stainless steel imported from Japan, so as to ensure that the whole machine will not rust due to the use of water, thus affecting the service life of the equipment and other safety hazards.

Parameter

pressure	pressure	compressed air
	Intake pressure setting	0.5 0.55MPa
	Injection pressure setting	0.35 0.38MPa
	Nozzle injection pressure	$\leq 0.4\text{MPa}$
Tube	Intake manifold	12tube
	Drain tank water pipe	8tube
Cleaning liquid	Cleaning liquid	Industrial deionized water
	Liquid consumption	$\leq 300\text{cc/h}$ (5cc/min)
	Capacity of water storage tank	1200cc
Power Supply	Power Supply	AC220 240V
	Plug	3-Pin
	Consumption of electricity	$\leq 0.1\text{Kw}$
Environment	Working environment temperature	-5 (But not frozen.)
	Liquid temperature	0 (But not frozen.)
	Working environment humidity	10 60%RH
	Environmental humidity of equipment	10 60%RH
	dust	0.1mg/m ³ (No conductive dust)
	Corrosive gas	Not allow
Others	Outline size	655(L) x 560(W) x 475(H)
	Weight	(Including cleaning fluid 2000cc)

Functional features

Put 24 suction nozzles in one time, please wash a large amount;
Thoroughly solve the dirt and impurities which are difficult to be cleaned by ultrasonic;
It will not be unclean due to the smaller and smaller diameter of suction nozzle;
Cleaning more thoroughly and directly extend the life of suction nozzle;
No damage to the surface coating and reflection plate of suction nozzle;
Clean with deionized water or distilled water;
Automatic continuous cleaning, automatic drying;
Simple and convenient operation;
Intelligent water storage inspection function added
Suitable for all kinds of mounter.

Function of nozzles Cleaner machine

With the development of SMT, the minimization of parts and high density mounting have become a trend. Subsequently, SMT machine suction nozzle is more precise, the impact of mounting quality is also greater. In the actual mounting process, because the nozzle is contaminated with solder, flux or other dirt, which leads to the blockage of the nozzle, it is easy to cause throwing material. Earlier, we could not solve the problem by means of steel needle poking or ultrasonic shock.

In view of this situation, the suction nozzle cleaning machine developed adopts a new cleaning way, which can remove the dirt of the suction nozzle before in a short time. And in the cleaning process will not damage the nozzle. Because of the use of non-toxic and harmless cleaning solution, the whole process is more environmentally friendly.

Company Introduction

Our R&D department has more than 30 people from American, Japanese and Taiwanese and mainland Chinese. They have many years of practical experience and strong R&D capabilities for the SMT production and processes.

We are mainly research and develop the LED automatic mounter and high-precision production, but also have the world's machine, multi-label, high temperature adhesive tape machine, SMT nozzle tester and SMT stencil testing machine etc.

Being unique manufacturing solution, strict quality management and perfect after-sales service, we become one of the suppliers with strong R&D, manufacturing strength and influence in the field of automation.

SHENZHEN Office



ETON Industrial Park



50,000 square meters

7 buildings

300 employees



assembly line

CNC workshop

Production line Exhibition hall

Certification

ETON obtains a number of intellectual property technologies, including 9 invention patents, 112 Practical patents, 12 software copyrights. ETON is rated as "Shenzhen high-tech enterprise" "Guangdong high-tech enterprise" "China high-tech enterprise" "Shenzhen TOP Brand" "2015 LED Technology Innovation Award" "The 4th China LED First Innovation Award" "Industry Special Contribution Award" etc.



Clients

ETON as the leading manufacturer of global photo electronic high speed pick and place machine, the products are exported more than 20 countries and regions, including India, Vietnam, Tunisia, Egypt, Turkey, Russia, Thailand, etc. Take India as an example, We have many big clients in India, Such as RK, SURYA, Fiem, Calcom, POLYCRB, etc. We have sold over a hundred machines to India.



FULL SMT SOLUTION EXPERT
INSPIRE THE FUTURE



FAQ

Q: What kind of machine will provide besides pick and place machine ?

A: ETON as the largest manufacturer of SMT machine in China, we provide whole SMT line, such as reflow oven, printer, conveyor, pick and place machine, Loader, Unloader, etc.

Q: What are your advantages?

A: Our company stick to five level management policy: sincere business, focus on R&D, manufacturing intentions, considerate service, customer trust.

Q: Do you have oversea after sale service?

A: We can provide technical support abroad. If you have any technical problems, our engineers will provide you with timely support. Abroad, we have India office, Indian engineer, Egyptian office and Egyptian engineer, etc.

Q: How is the training?

A: After purchasing our machines, you can send your engineers to our factory, or we send our engineers to your factory, and then we will train your personnel to operate these machines. Online training and video tutorials. During the epidemic, if our engineers can't make it through, we also have special one-on-one online training and video tutorials.

Q: It's hard to use the machine?

A: Machine is very intelligent and easy to operate, like the intelligent phone, also the software is made by our company, so we know how to make it more intelligent and operate friendly.



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