Automatic suction nozzle cleaning machine

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GS
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 550*600*600mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days

Product Specification

- Equipment Size: 440×500 ×530 (mm)
- Equipment Weight: 35KG
- Cleaning Fluid Type: Industrial Pure Water
- Cleaning Liquid Consumption: ≤100ml/min
- Use Fluid - Air Source: Compressed Air
- Operating Pressure Range: 0.5-0.65Mpa (when Cleaning)
- Injection Pressure: ≤0.4Mpa
- Air Consumption: 500NL/min Or Less
- Voltage: AC220V 50HZ
- Rated Power Consumption: Maximum 100W
- Suction Tray Size: 30
- Condition: New
- Highlight: **industrial smt nozzle cleaner**, **industrial smt ultrasonic cleaner**

Our Product Introduction

for more products please visit us on smtmachine-spareparts.com

Product Description

一,Automatic suction nozzle cleaning machine
1.Automatic nozzle cleaning machine, the use of multi-nozzle jet cleaning method, the use of fluid mechanics to break water, produce very fine water mist, at the speed of sound to form a strong kinetic energy sprayed into the nozzle, to be cleaned above the nozzle to form a continuous energy field, crushing the nozzle surface and internal dirt. The machine does not require any solvent and can be cleaned using industrial pure water.
2.Cleaning: Automatic cleaning of the machine, each time can clean 30 nozzle, different types of nozzle equipped with different fixture tray, any type of placement machine nozzle can be cleaned, the use of compressed air automatically dry after cleaning.
3.Detection: Take out the fixture tray and put it on the special nozzle inspection device to check, and the true clean condition of the nozzle after cleaning can be observed.

二,Automatic suction nozzle cleaning machine Features
* Cleaning 30 mouthpieces at a time, short cleaning time, high efficiency.
* Replace the traditional manual cleaning, solve the problem of ultrasonic cleaning, reduce the phenomenon of patch throwing material.
* Atomized water supersonic jet cleaning, completely solve the ultrasonic can not clean dirt impurities.
* Will not be cleaned due to the smaller and smaller nozzle aperture.
* More thorough cleaning, directly prolong the life of the nozzle, cleaning rate of more than 99%.
* Easy to operate, the interface can be switched between Chinese and English.
* Never use cleaning agents, only need environmentally friendly pure water or deionized water cleaning.
* Touch screen control interface, easy to understand operation.
* Suitable for all kinds of placement machine nozzle, for cruciform, I-shaped, shaped nozzle cleaning effect is more obvious.

三,The working principle of automatic suction nozzle cleaning machine
1. High pressure jet technology: A, fine water mist particles, continuous pressure will break the water, produce 3-10um particles of water mist so that it can clean the dirt on the inner wall of the small nozzle aperture.
2. Pulse power: B, at the speed of sound (V=360m/s) to form a powerful pulse power jet to the suction mouth, can reach 30 pulse frequency per second, form a sustained impact above the nozzle to be cleaned, crush the surface and internal dirt, to achieve the purpose of cleaning.

四,There are three categories of cleaning methods:
Manual cleaning efficiency is low, the surface of the nozzle and the tube cavity can not be cleaned, and the inner hole is easily damaged by steel wire poking;
The cleaning effect is different;
The use of cleaning solution and alcohol may penetrate and cause the reflector to fall off;

五,Cleaning mode comparison - ultrasonic cleaning
Low cost and high efficiency;
It is easy to cause collisions between the mouthpieces during cleaning, resulting in damage or loss of the black coating on the surface;
The cleaning liquid causes damage to the surface coating of the nozzle, greatly shortening the life of the nozzle;
Can not completely clean the nozzle surface and tube cavity;
For the latest 01005 nozzle can not be well cleaned, mainly because the nozzle hole is too small, ultrasonic cleaning will cause vacuum bubbles can not be discharged and cleaning is not clean;

六,Cleaning mode comparison - suction nozzle cleaning machine
Reduce the acquisition cost of the nozzle; The use of automatic cleaning machine can be a good solution to the suction nozzle is too dirty and scrapped, so as to extend the service life.
Reduce unnecessary labor; Because the machine adopts automatic cleaning, no special person is responsible for it, and the whole process is automatically completed by the machine.
Effectively reduce the product defect rate, improve SMT productivity; A large part of the production process is due to the surface of the nozzle is dirty and uneven and the inner cavity is too dirty, which causes the throwing or mounting displacement, resulting in poor welding after the sequence. After using the cleaning machine, the nozzle can always be protected in a new state, greatly improving production efficiency.

Automatic suction nozzle cleaning machine | GSSMT, Nozzle cleaning machine, Automatic nozzle cleaner, SMT nozzle cleaning, Ultrasonic nozzle cleaner, Vacuum nozzle cleaning, Nozzle maintenance equipment, Automated cleaning systems, Industrial nozzle cleaning, Solder paste removal machine, Pick and place nozzle cleaner, High-pressure nozzle cleaning, Nozzle cleaning technology, Electronics manufacturing cleaning solutions, Automatic cleaning equipment for nozzles, Cleaning machines for SMT nozzles, Nozzle cleaning process automation, Purified water nozzle cleaner, Nozzle holder cleaning system, Cleaning efficiency for nozzles, Nozzle contamination prevention

Global Soul Limited

+8613728696610 liyi@gs-smt.com smtmachine-spareparts.com

Room F3B-016, B Block, Hao Yun Lai Bussiness Building, Liutang road , Bao'an District , Shenzhen, China