



## Automatic SMT Nozzle Cleaner Machine 30-Tray Capacity 440×500×530mm

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**

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## Product Description

### Automatic Suction Nozzle Cleaning Machine

#### Product Description

The automatic nozzle cleaning machine utilizes a multi-nozzle jet cleaning method with fluid mechanics to break water into fine mist particles. These particles are sprayed at supersonic speed to form a continuous energy field that effectively removes dirt from nozzle surfaces and interiors. The system operates using only industrial pure water, requiring no solvents.

#### Key Features

- Cleans 30 nozzles simultaneously with high efficiency
- Replaces manual cleaning and solves ultrasonic cleaning limitations
- Supersonic atomized water jet technology thoroughly cleans all impurities
- Prevents nozzle aperture reduction during cleaning
- Achieves over 99% cleaning rate, extending nozzle lifespan
- Bilingual interface (Chinese/English) with intuitive touch screen controls
- Environmentally friendly operation using only pure or deionized water
- Universal compatibility with all placement machine nozzles
- Exceptional cleaning performance for cruciform, I-shaped, and special nozzles

#### Working Principle

**High Pressure Jet Technology:** Generates 3-10 $\mu$ m water mist particles capable of cleaning even the smallest nozzle apertures.

**Pulse Power:** Delivers supersonic (360m/s) pulsed jets at 30 pulses per second, creating sustained impact to dislodge all contaminants.

#### Cleaning Method Comparison

Method	Advantages	Disadvantages
Manual Cleaning	-	Low efficiency, cannot clean internal surfaces, risks damaging nozzle with tools
Ultrasonic Cleaning	Low cost, high efficiency	Causes nozzle collisions, damages coatings, incomplete cleaning, ineffective for 01005 nozzles
Nozzle Cleaning Machine	Extends nozzle life, reduces labor, lowers defect rates, improves productivity	-

#### Operational Benefits

- Reduces nozzle replacement costs by extending service life
- Eliminates dedicated cleaning personnel through full automation
- Significantly decreases product defect rates in SMT production
- Maintains nozzles in like-new condition for optimal performance



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

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