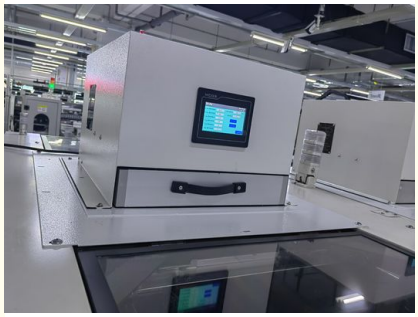
SMT Dust Purification Processor for Chip Mounting Machines

Our Product Introduction

Basic Information

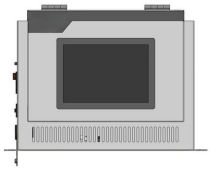
- Place of Origin: china
- Brand Name: gs
- Model Number: gsair
- Minimum Order Quantity: 1
- Price: 3000USD
- Packaging Details: L407*W530*H350mm
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Highlight: **SMT Dust Purification Processor**, **Dust Purification Processor FFU**

More Images



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

Our Product Introduction

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

Product Description

SMT Patch Machine Online Dust Purification Processor FFU

Device Functions

- Creates a clean space in the SMT machine mounting area, preventing dust accumulation on solder paste surfaces
- Reduces defects caused by precision components in reflow furnaces
- Maintains constant temperature at mount head to prevent overheating and mechanical failure
- Creates positive pressure environment in mount area for localized dust control
- Reduces wear on machine components (screws, pneumatic elements, solenoid valves, nozzle rods)
- Lowers maintenance costs and improves equipment operation rate

Equipment Features

- Real-time working environment monitoring
- 6-speed intelligent automatic adjustment for energy efficiency
- MES and Kanban system integration for remote management
- Data recording, tracing, and chart generation
- Dual filter system for easy maintenance and lower costs

Compatible Devices

- CM402/602, NPM1/2/3/DX/W/W2/TT
- NXT M3/M6/1/2/3 XP141/142/XPF
- YS12/24 YSM10/20
- GXH1/3 G5/G5S F8/F8S

Applications

Effective dust removal for high-cleanliness production environments in medical, electronics, food, and laboratory industries.

> #### The Impact of Dust on SMT Machines
>
> - Contaminates lubricating oil, increasing friction and component wear
> - Causes abrasive effects on moving parts, accelerating machine aging
> - Impairs heat dissipation, leading to temperature rise and reduced lifespan
> - Affects electronic components (chips, circuit boards) efficiency
>
> The online dust purification processor effectively eliminates these issues at their source.

Technical Specifications

Parameter	Specification	Parameter	Specification
Speed Control Mode	Automatic	Particle Detection Range	0.3-10um
Speed Adjustment Levels	6-speed	Purification Efficiency	99.99% at 0.3um
Maximum Speed	1710 RPM	Sampling Period	1 second
Noise Level	<65dBA	Particle Sizes	0.3/0.5/1.0/3.0/5.0/10um
Power Supply	220V 50-60Hz	Cleanliness Class	100 to 1,000,000 class
Power Consumption	170W	Compliance Standards	ISO 21501-4/JJF 1190-2008
Dimensions (L×W×H)	407×530×350mm	Operating Environment	-15-60 ; 0-95%RH
Weight	Approx. 20kg	Concentration Resolution	1ug/m³
Communication	Modbus TCP		

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