



VTS-1013-N Vacuum Reflow Soldering Machine 9 Heating Zones

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: GS
- Model Number: VTS-1013-N
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 700
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days



Product Specification

- Model: VTS-1013-N
- Overall Dimensions: 6567*1420*1520mm
- Plate Size: 70*50mm-300*350mm
- Number Of Heating Zones: 9
- Length Of Heating Zones: 3420
- Number Of Cooling Zones: Upper 3
- Cooling Method: Water Cooling – External Chiller
- Process Edge: Standard 5mm, Customizable
- Plate Height: 25mm On The Board, 15mm Below The Board
- Condition: Original New
- Highlight: **Vacuum Reflow Soldering Machine, Reflow Soldering Machine Customizable**

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Vacuum Reflow Soldering Machine Customizable

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Vacuum Reflow Soldering Features

- High vacuum with low bubbles, reducing voids in the soldering surface
- High wettability, improving soldering quality
- Optimized soldering parameters and processes, enhancing production efficiency
- Reduces oxidation and minimizes the risk of cold solder joints

Model	VTS-1013-N	
Equipment parameters	Overall dimensions	6567*1420*1520mm
	Plate size	70*50mm-300*350mm
	Number of heating zones	9
	Length of heating zones	3420
	Number of cooling zones	Upper 3
	Cooling method	Water cooling – external chiller
	Process edge	Standard 5mm, customizable
	Plate height	25mm on the board, 15mm below the board
Transmission parameters	Transmission mode	Chain
	Transmission control mode	Heating zone and vacuum section servo + cooling zone frequency conversion
	Transmission speed	200-2400mm/min
	Transmission height	900±20
	Transmission direction	L-R or R-L

Vacuum parameters	Number of vacuum zones	1
	Ultimate vacuum pressure	10-100pa
	Vacuum pumping speed	60 cubic meters/hour, adjustable
	Minimum cycle for vacuum welding	25Sec (action time can be set)
	Release method	Nitrogen quick release
	Vacuum chamber operation method	Servo control
	Vacuum zone track	Servo width and narrow adjustment
	Flux recovery system	Independent vacuum zone recovery device
Control parameters	Control mode	PC+Siemens PLC
	Temperature control mode	PID+SSR
	Temperature control range	Normal temperature -350℃
	Temperature control accuracy	±1℃
	Heat-up time	≤30min
	Heat conduction mode	Hot air independent temperature zone circulation, variable frequency speed regulation
	Startup/normal operation power	Startup: 45KW, normal operation 15KW
	Power failure protection	UPS endurance operation
	MES data	Secondary development possible
Nitrogen device	Nitrogen filling method	The whole area is filled with nitrogen, and the vacuum area is sampled.
	Nitrogen flow rate	100-1000ppm @35 cubic meters/hour, nitrogen purity 99.999%

Global Soul Limited sales@gs-smt.com



Vacuum Reflow Soldering | GSSMT, Vacuum reflow soldering process, Vacuum soldering machine, Vacuum reflow oven, Solder void reduction, Vacuum soldering technology, Reflow soldering with vacuum, Advanced vacuum soldering, Soldering without voids, Void-free soldering process, Vacuum reflow system, SMT vacuum reflow, High vacuum reflow soldering, Vacuum-assisted reflow soldering, Solder joint void elimination, Vacuum soldering benefits, Vacuum reflow equipment, Industrial vacuum soldering, Low-void reflow soldering, Reflow soldering vacuum chamber, Vacuum soldering applications

