Product name	Product model
8 zones single rail nitrogen reflow oven	**VS-0802-N**

Detailed Description	
Dimensions	L5300mm*W1420mm*L1520mm
Body color	White
Net weight	Approx. 2950KG
Exhaust volume	10m³/min×2aisle
Power supply	Three-phase five-wire/380V
Power	Starting power 32KW, Working power 10KW
Heating time	About 25mins
Lateral temperature difference	±1.5℃
Temperature control accuracy	±1℃
Temperature control range	Room temperature ~300℃
PCB maximum width	400mm (optional: 610mm)
Component height	Board Upper 22mm/ Lower 25mm
Transportation direction	L→R (optional： R→L)
Rail fixing method	Front end fixed (optional: rear end fixed)
Rail height from the ground	900±15mm
Transportation speed	400-2000mm/min， The rail chain is at the same speed
Parameter storage	Automatically save various operations and alarm records + manual operation to save various process parameter settings
Abnormal alarm	Standard temperature deviation, speed deviation and wind fault, off-board alarm function, sound and light alarm of mains power failure
Lubricating oil	Automatic and manual mode, free to switch
Device Configuration	
Number of heating/cooling zones	Upper 8 Lower 8/Two-Stage Cooling
Control System	Siemens PLC + module + PID control, Windows 10, Chinese and English online free switch
Temperature control mode	PID closed loop control + SSR drive
Nitrogen-filled distribution	Each temperature zone is equipped with a nitrogen filling port, which can realize the nitrogen filling of the whole zone
Nitrogen consumption	300-1000ppm， 25-30M³/h
Transportation System	Single rail + mesh belt transport
Transportation control method	Imported inverter + imported transport motor
Chain structure	35B single buckle with rib and pin shaft nickel-plated manganese steel chain
Rail structure	Overall two-stage
Rail width adjustment	Electric width adjustment, 50mm-400mm (optional: 50mm-610mm)
Top cover start	The top cover is electrically opened for easy cleaning in the furnace
UPS power supply	Backup power
Heating rectifier plate structure	Thickened aluminum sheet
Cooling method	External chiller cooling