4-Axis Single Iron Desktop Auto Soldering Machine
Model: STA551YR

Features:

- High power soldering station with fast heat recover to ensure the stability of continuous solder

- Automatic cleaning system for soldering iron tip to enhance production efficiency

- I/O interface provided for external input and output control

- Optional visual position identification system to solve the jig and product position consistency problem

- Optional safety grating and guard to ensure operator safety

Main Technical Parameters：

Model		STA551YR
Motor type		Stepper
Machine Operation Voltage (V ac)		100～240
Soldering Station Power (watt)		200
Soldering Station Temperature Range (°C)		50～500 (Selection range)
Control Axis		4
Soldering iron		1
Movement Range	X-axis（mm）	500
	Y1-axis（mm）	500
	Y2-axis（mm）	500
	Z-axis（mm）	100
	R-axis（°）	300
Speed Range	X-axis（mm/sec）	0.1～600
	Y1-axis（mm）	0.1～600
	Y2-axis（mm/sec）	0.1～600
	Z-axis（mm/sec）	0.1～300
	R-axis（°/sec）	0.1～600
Position Repeatable Accuracy	X-axis（mm）	±0.02
	Y1-axis（mm）	
	Y2-axis（mm）	
	Z-axis（mm）	
	R-axis（°）	
Resolution	X-axis（mm）	±0.01
	Y1-axis（mm）	
	Y2-axis（mm）	
	Z-axis（mm）	
	R-axis（°）	
Program setting method		Point to point teaching (PTP)
Teaching Pendant File Capacity		Up to 999 files or Single file up to 60000 points
Processing File Capacity		Up to 255 files
Applicable Solder Wire Diameter (mm)		0.3, 0.5, 0.6, 0.8, 1.0, 1.2
Environmental Conditions	Temperature（°C）	0～40
	Humidity（%）	20～90（no condensing）
Teaching Pendent model		QUICK9011D
Self-Feeder Soldering station model		QUICK378CA
Soldering Iron type		QUICK9018M
Solder wire feeder type		QUICK371LI

Note: The movement range could be customized as per requirement