



Tronstol Soldering Robot



创思达精密技术
TRONSTOL TECHNOLOGY



SR5331R Soldering Robot

TronStol can professionally solve your plug-in soldering problems.



Double Efficiency

Good Helper Instead of Labor



Reliable Performance

High Soldering Consistency



Precise Positioning

Precise Step, Soldering Freely



Factory Direct Sale

No Extra Cost



Responsible After Sales

Online Video Supporting



Support customization

Customized Products on Demand

Specification /

Working Stroke	X Axis	500mm
	Y1 Axis	300mm
	Y2 Axis	300mm
	Z Axxis	100mm
Working Platform		Double Platform
Position Accuracy		±0.02mm
Repeatability Accuracy		±0.01mm
Load of Workbench	Y1 Axis	<15Kg
	Y2 Axis	<15Kg
	Z Axis	<8Kg
Drive Mode		Precision Step+Timing Blet
Control System		HMI+Handle Controller
Tin Feeding Speed		0-50mm/sec; 1-800mm/sec
Temperature Control		0-550°C
Temperature Error		±3°C
Diameter of Applicable Tin Wire		0.5-2.5mm
Solder Tip Amount		1
Tin Feeder		1
Program Storage		99 Group
Air Source		0.3-0.6Mpa
Power Supply		AC110/220V; 50/60HZ
Net Weight		72KG
Dimension		L720*W580*H850

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Feature /

Five axes, two stations

This machine is equipped with X/Y1/Y2/Z/R five axes with stable precision and high yield rate. With the human-machine interactive handle, it can accurately simulate different manual soldering angles.



High quality aluminum body

It is portable and elegant, does not rust and deform. Hence it is a useful helper for improving the image of the factory.



Adjustable soldering tip subassembly

Ensure there is no dead angle in soldering, and at the same time accurately restore manual actions. It not only solders fast, but also stably.



High precision tin breaker

Precisely and stably feed solder paste, and effectively prevent tin explosion.



Human-machine interactive handle

It can easily set pot soldering and drag soldering. The operation is simple and no professional technical experience is required.



Soldering tip cleaning system

Using the principle of positive pressure and friction, the cleaning action can be set scientifically according to the usage of the soldering tip.





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