



# 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.



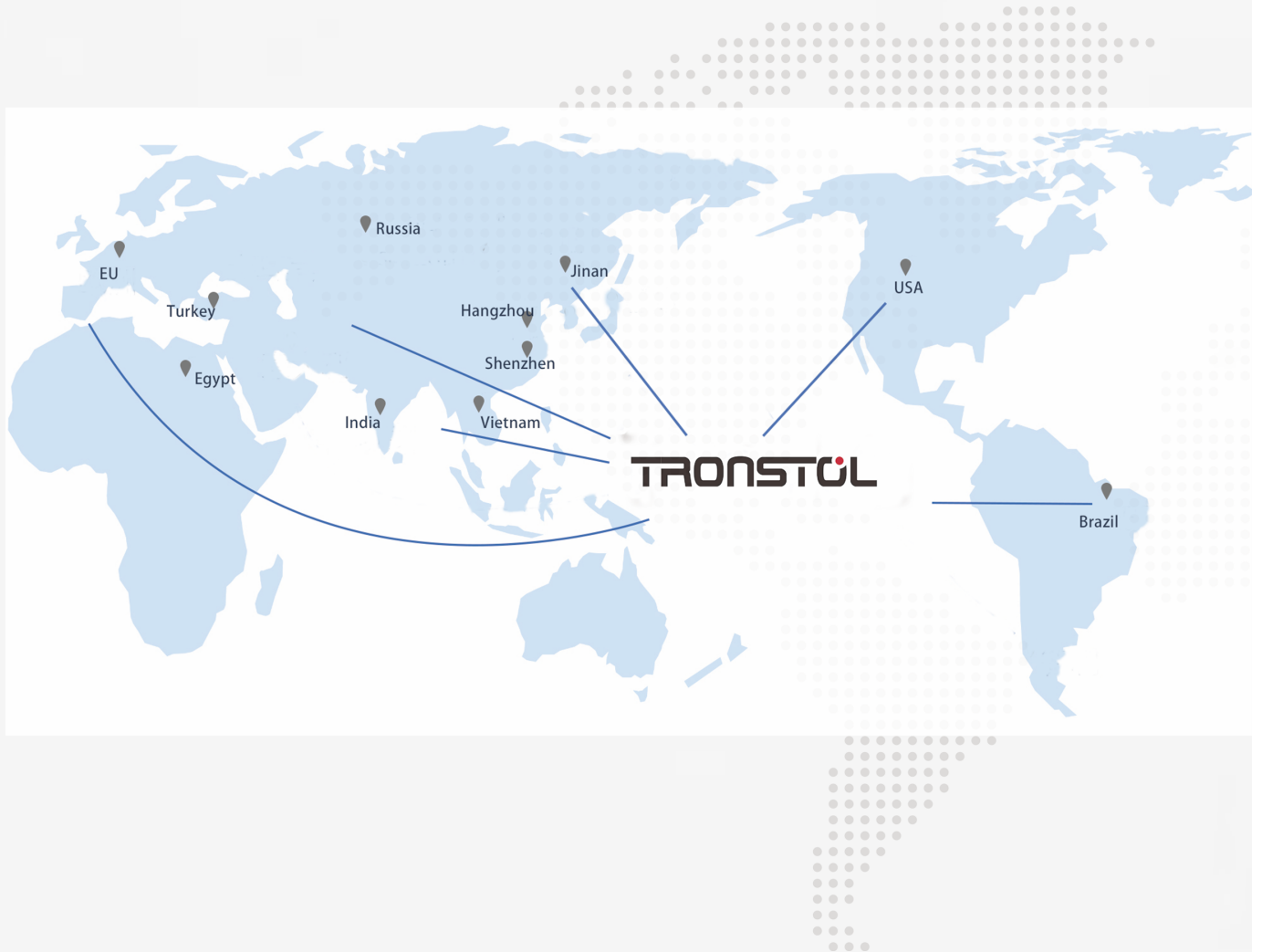
### Soldering tip cleaning system

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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