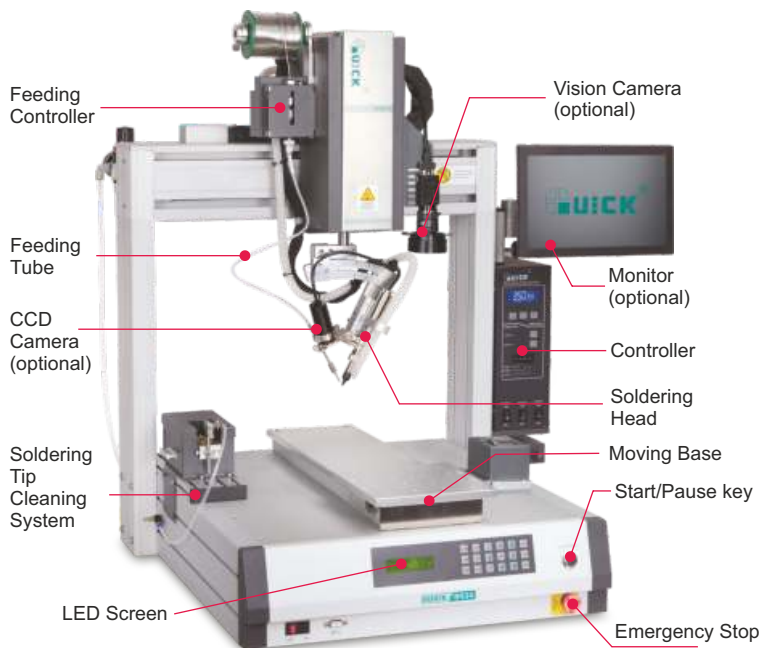


increases production with less hands • ensures soldering quality for each joint



### Features

- High power heating controller, ensures temperature stability in continuous soldering.
- Line Soldering & Point Soldering functions
- Control signal O/P & I/P available.
- Auto cleaning of Soldering Tip
- Hand-held Teaching Pendant for easy programming
- Optional Vision System, normally not required

### Scope of Supply:

- 4-Axis 400x400 mm Soldering Robot
- Hand-held Teaching Pendant
- Soldering & Wire Feeding Controller
- Soldering & Wire Feeding Head
- 911G Series Soldering Tip
- Soldering Tip Cleaning System

### Specifications

Input Supply		100-240V AC, 50 Hz
Power Consumption		150W
Temperature Range		50~500°C (as per working mode)
Number of Axis		4
Movement Range	X	400mm
	Y	400mm
	Z	100mm
	R	300°
Speed Range	X	0.1-600mm/sec
	Y	0.1-600mm/sec
	Z	0.1-200mm/sec
	R	0.1-600°/sec
Repeat Accuracy	X	±0.02mm
	Y	±0.02mm
	Z	±0.02mm
	R	±0.02°
Resolution	X	0.01mm
	Y	0.01mm
	Z	0.01mm
	R	0.01°
Speed Control		Smoothly
Demo File Number		≤999, Max 60000 points
Process File Number		≤255
Solder Wire Dia		0.3 ~ 2.0 mm (Customer to specify)
Size W×D×H		570 × 570 × 790mm (approx.)
Weight		Around 50kg

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## 4-axis highly reliable and affordably priced Quick Soldering Robots

increase production with less hand • ensure soldering quality for each joint



**QUICK9334**



**QUICK9244CJ**



**QUICK9464**



**QUICK9534Y**

### Features:

- 4-Axis type gantry
- in-line and desktop type
- in-line type for interfacing with external assembly line.

### Model QUICK9534Y

- Load and unload the jig quickly, improve the productivity.
- Two Y-Platforms, controlled separately, for almost double production (one Jig can be changed while Soldering is being done on other Jig)

### Specifications

Model	QUICK9334	QUICK9244CJ	QUICK9464	QUICK9534Y	
Input Supply	100 ~ 240V AC, 50Hz				
Heating Power	150W				
Temperature Range	50°C ~ 500°C (as per working modes)				
Number of Axis	4				
Moving Range	X	300mm	250mm	400mm	500mm
	Y	300mm	250mm	400mm	500mm
	Z	100mm	100mm	100mm	100mm
	R	300°			
Moving Speed	X	0.1 ~ 600	0.1 ~ 300	0.1 ~ 600	0.1 ~ 600
	Y	0.1 ~ 600	0.1 ~ 300	0.1 ~ 600	0.1 ~ 600
	Z	0.1 ~ 200			
	R	0.1 ~ 600°/sec			
Repeat Accuracy	X				
	Y	±0.02 mm			
	Z				
	R	±0.02°			
Demo File Number	≤999, max 60000 points				
Process File Number	≤255				
Solder Wire Diameter	0.3 ~ 2.0 mm (Customer to specify)				
Dimensions (approx.)	470x475x780mm	520x635x655mm	580x75x780mm	680x680x780mm	
Weight (approx.)	About 43Kg	About 30Kg	About 55Kg	About 53Kg	

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increases production with less hands • ensures soldering quality for each joint



### Features

- High power Heating Controller
- Unique design of Soldering Head and Tips
- High precision Solder Wire Feeder
- Stable and reliable platform
- Double guide rail design
- Low noise during high speed movement

### Unique design of Soldering Head & Soldering Tip



Limit mechanism for Soldering Tip



Limit mechanism for Heating Element

Plug-in Soldering Tip design for easy replacement of Soldering Tip. Limit mechanism ensures accurate insertion position of Soldering Tips and Heating Element every time.

### Scope of Supply:

- 4-Axis type Soldering Robot
- Heating Controller
- Soldering Head
- Soldering Tip Cleaning System
- Teaching Pendant
- Solder Wire Feeder
- 911G Series Soldering Tip

### Specifications

Input Supply	: 100 ~ 240 VAC/50Hz
Heating Power	: 180W
Temperature Range	: 50°C ~ 500°C
Number of Axis	: 4
Moving Range	: X = 200mm
	Y = 200mm
	Z = 100mm
	R = 300°
Solder Wire Dia. (mm)	: 0.3 ~ 2.0 mm (Customer to specify)
Dimensions (approx)	: 500Wx580Dx780Hmm
Weight (approx)	: 58 kg (approx.)

### Soldering Head & Wire Feeding Controller



- Touch Screen Controls
- Key Lock Function for process control
- Three most frequently used temperatures can be set and switched quickly
- Intelligent precise temperature compensation system, fast temperature recovery.
- High power heating, wide range of Soldering Tips for different soldering applications

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## 3-axis highly reliable and affordably priced Quick Soldering Robots

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**QUICK9533Y**



**QUICK9433  
+ Vision System**



**QUICK9333  
+ Optional Light Curtain**



**QUICK9233**

### Features

- High power Heating Controller to ensure stability in continuous soldering
- Line Soldering & Point Soldering functions
- Auto cleaning of Soldering Tip
- Optional Vision System, normally not required
- Optional light curtain and safety cover ensure safety operation
- Two Y-Platforms in Model QUICK9533Y



### Scope of Supply:

- 3-Axis type Soldering Robot
- Teaching Pendant
- Heating Controller
- Solder Wire Feeder
- Soldering Head
- Soldering Tip
- Soldering Tip Cleaning System

### Specifications

Model	QUICK9533Y	QUICK9433	QUICK9333	QUICK9233	
Input Supply	100 ~ 240 VAC, 50Hz				
Heating Power	150 Watt				
Temperature Range	50°C ~ 500°C (as per working modes)				
Number of Axis	3				
Moving Range	X	500mm	400mm	300mm	250mm
	Y	500mm	400mm	300mm	250mm
	Z	100mm	100mm	100mm	100mm
Moving Speed	X	0.1 ~ 600mm/sec			
	Y	0.1 ~ 600mm/sec			
	Z	0.1 ~ 300mm/sec			
Repeat Accuracy	X				
	Y	±0.02mm			
	Z				
Demo File Number	≤999, max 60000 points				
Process File Number	≤255				
Solder Wire Diameter	0.3 ~ 2.0 mm (customer to specify)				
Dimensions WxDxH (approx.)	670x670x580mm	570x570x580mm	470x470x580mm	420x420x580mm	
Weight (approx.)	49 kg	42 kg	38 kg	34 kg	

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**QUICK9433D**



**QUICK9320D**



**QUICK9320A**



**QUICK9153**

**Features:**

- High power Heating Controller to ensure stability in continuous soldering
- Line Soldering & Point Soldering functions
- Auto cleaning of Soldering Tip
- Dual Head Models available
- in-line and desktop types



**Scope of Supply:**

- 3-Axis type Soldering Robot
- Teaching Pendant
- Heating Controller
- Solder Wire Feeder
- Soldering Head & Tip
- Soldering Tip Cleaning System

**Specifications**

Model	QUICK9433D	QUICK9320D	QUICK9320A	QUICK9153	
Input Supply	100 ~ 240V AC, 50Hz				
Heating Power	150W				
Temperature Range	50°C~500°C	80°C ~ 480°C	80°C ~ 480°C	80°C ~ 480°C	
Axis	3				
Moving Range	X	400mm	300mm	300mm	100mm
	Y	400mm	300mm	300mm	100mm
	Z	100mm	100mm	100mm	50mm
Moving Speed	X	0.1 ~ 600	0.1 ~ 600	0.1 ~ 600	0.1 ~ 200
	Y	0.1 ~ 600	0.1 ~ 600	0.1 ~ 600	0.1 ~ 200
	Z	0.1 ~ 300	0.1 ~ 300	0.1 ~ 300	0.1 ~ 300
Repeat Accuracy	X	±0.02 mm			
	Y				
	Z				
Demo File Number	≤999, max 60000 points				
Process File Number	≤255				
Solder Wire Diameter	0.3 ~ 2.0 mm (customer to specify)				
Dimensions (approx.)	780x730x630mm	720x805x580mm	420x480x580mm	325x325x400mm	
Weight (approx.)	About 45Kg	About 42Kg	About 29Kg	About 19Kg	

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increase production with less hand • ensure soldering quality for each joint



### Hot Air Soldering Robot Model QUICK9RB233

#### Features:

- Non-contact SMD Soldering Robot, suitable for pre-applied solder paste SMD soldering applications
- Stable air volume, excellent soldering quality.
- Long life Heating Element with precise Temperature Control.

#### Specifications:

Movement Range	Depends on actual platform
Air Volume	0 ~ 4 L/min
Temperature Range	50 ~ 500°C
Power of Heating Controller	300W

## Highly reliable and affordably priced Quick 1-Axis & 2-Axis Soldering Robots

**QUICK9252D**



#### Features:

- X-Movement range: 200mm
- Z-Movement range: 50mm
- 2-Axis in-line Soldering Robot
- Dual Soldering Heads

**QUICK9101**



#### Features:

- Movement range Z: 100mm
- 1-Axis in-line Soldering Robot

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**QUICK9018MG**



**QUICK9018M**



**QUICK9018AM**

Model	QUICK9018MG	QUICK9018M	QUICK9018AM
Power	150W	150W	150W
Tip	911/911B/911G Series	911B/911G Series	911B/911G Series



**QUICK9018BMT**



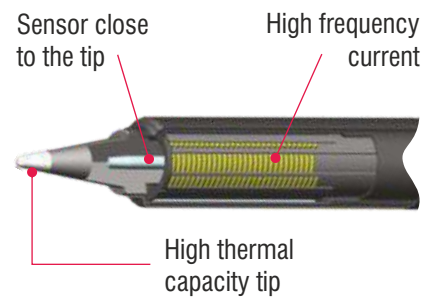
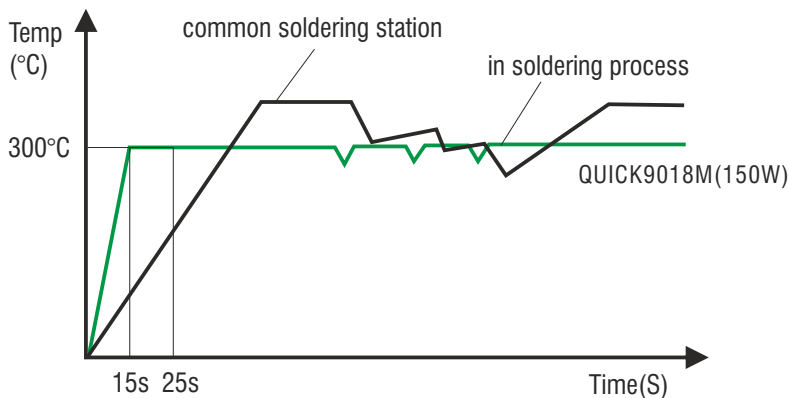
**QUICK9012**



**QUICK9013**

Model	QUICK9018BMT	QUICK9012	QUICK9013
Power	150W	180W	320W
Tip	911B/911G Series	912 Series	913 Series

**Temperature Curve Diagram of Soldering Heads used in Soldering Robots**



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**Stable and Precise Solder Wire Feeding System with wire punching system Model 371HI**



- High precision step motor to ensure stable and precise wire feeding
- Punches holes with even distance in solder wire to prevent solder spattering during soldering which prevents pollution and defective soldering
- Alarm function when solder wire is out or jammed



**Solder Wire Punching System**

Motor type : Step Motor  
 Power : 20W  
 Dia of Solder Wire : 0.3 ~ 2.0 mm  
 Weight : 1kg (approx.)

**Feeder Tube Assembly**

High precision Feeder Tube Assemblies ensure smooth wire feeding

Model	Length (mm)	Solder Wire Dia
9021(C)-500-0.3	500	0.3mm
9021(C)-500-0.5	500	0.5mm
9021(C)-500-0.6	500	0.6mm
9021(C)-500-0.8	500	0.8mm
9021(C)-500-1.0	500	1.0mm



The length of feeding tube and dia of solder wire can be customized.  
 The C series are needle-type feeding tube.

**Nitrogen Generator Model 9039 to use with Soldering Head Model 9018BMT**

This Nitrogen Generator is used with the Soldering Head Model 9018BMT for inert atmospheric soldering. It offers perfect Lead-Free solder joints every time.

The system is designed to pump Nitrogen from the generator towards the Soldering Tip while simultaneously heating the nitrogen using temperature of the Soldering Tip.

This Nitrogen Generator generates 99.9% pure Nitrogen.

Use of Nitrogen have multiple benefits for Lead-Free soldering applications as:

- Improved solder wetting performance
- Shinier solder joint
- Prolonged Soldering Tip life
- Clean soldering with reduced cycle time



**Model 9018BMT Soldering Head**



**Model 9039 Nitrogen Generator**



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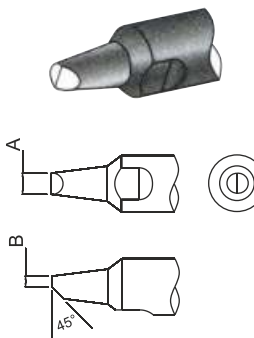
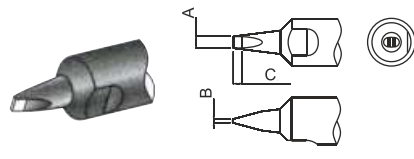
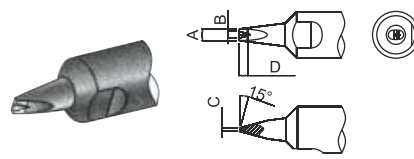
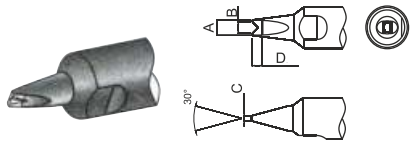
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These very long life Soldering Tips are specially designed for high thermal efficiency soldering

**911B, 911G, 912 and 913-Series Soldering Tips for various Soldering Robots**

Types	Part Number	Size (A)	Size (B)	Size (C)	Size (D)
<p><b>Sloped Type</b></p> 	*** -10PC	1.0mm	0.5mm		
	*** -13PC	1.3mm	0.65mm		
	*** -16PC	1.6mm	0.8mm		
	*** -20PC	2.0mm	1.0mm		
	*** -24PC	2.4mm	1.2mm		
	*** -30PC	3.0mm	1.5mm		
	*** -40PC	4.0mm	2.0mm		
<p><b>Chisel Type</b></p> 	*** -16D	1.6mm	0.6mm	1.5mm	
	*** -20D	2.0mm	0.8mm	1.5mm	
	*** -24D	2.4mm	0.8mm	1.5mm	
	*** -30D	3.0mm	1.0mm	2.0mm	
	*** -40D	4.0mm	1.2mm	2.5mm	
<p><b>V-Notch Type</b></p> 	*** -16DV1	1.6mm	1.0mm	0.6mm	1.5mm
	*** -20DV1	2.0mm	1.2mm	0.8mm	1.5mm
	*** -24DV1	2.4mm	1.4mm	0.8mm	1.5mm
	*** -30DV1	3.0mm	1.6mm	1.0mm	2.0mm
	*** -40DV1	4.0mm	2.0mm	1.2mm	2.5mm
<p><b>V-Notch Type</b></p> 	*** -16DV2	1.6mm	1.0mm	0.6mm	1.8mm
	*** -20DV2	2.0mm	1.4mm	0.8mm	1.5mm
	*** -24DV2	2.4mm	1.6mm	0.8mm	2.0mm
	*** -30DV2	3.0mm	2.2mm	1.0mm	2.3mm
	*** -40DV2	4.0mm	3.0mm	1.2mm	2.8mm

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