Iron Soldering

Soldering Robot

- Inline soldering robot
- Off-line double-side soldering robot
- Desktop soldering robot
- Gantry soldering robot
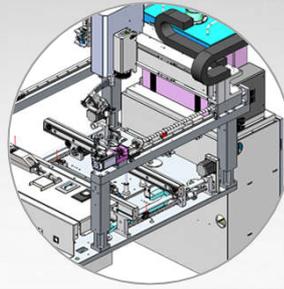- Soldering set
- Hotbar soldering robot

Contents

Inline soldering robot
QUICK S100-P4

QUICK

Features

1. Flexible combination, can connect with other inline robots such as dispensing, screwing, AOI, selective soldering etc.
2. Modularized design and easy maintenance.
3. Screw servo module, high precision, high speed and large payload.
4. Superior temperature control system, fast temperature rise and super thermal recovery.
5. PC-base control system, vision-guided programming and teaching programming.
6. CCD available for visual correction to avoid product positioning error, monitor soldering status in real time, effectively improve soldering process.
7. Fixture reflow line optional, can work with the front and rear lift.
8. Can connect to client's MES to read the information of temperature, solder amount etc.
9. Adjustable conveyor design with the range of 50-400mm, and the direction of workflow switchable.

Model		QUICK S100-P4
Number of controllable axis		4
Power consumption		800W
Input power		220V 50Hz
Air pressure		0.4～0.7MPa
Heating controller power consumption		200W
Movement range	X/Y/Z Axis	380/500/100mm
	R Axis	±180°
Moving speed	X/Y/Z Axis	0.1～800 mm/sec 0.1～400 mm/sec（Z Axis）
	R Axis	0.1～800°/s
Repeatable accuracy	X/Y/Z Axis	±0.01 mm
	R Axis	±0.02°
Soldering area（X*Y）		300mm*370mm
Conveyor speed		Adjustable 1～300 mm/sec
Conveyor width		Adjustable 50～400 mm
Conveyor height		900mm±20mm
Fixture range（X*Y）		300*400mm
Size（W*D*H）		800*1350mm*1650 mm
Weight		700kg

Size

Options

QUICK 278H
High-power heating controller

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

Fixture return conveyor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

QUICK®

Inline soldering robot
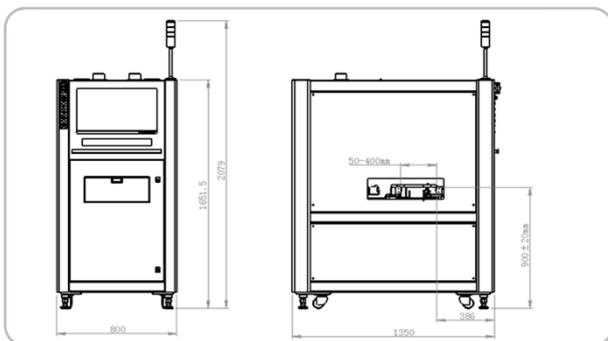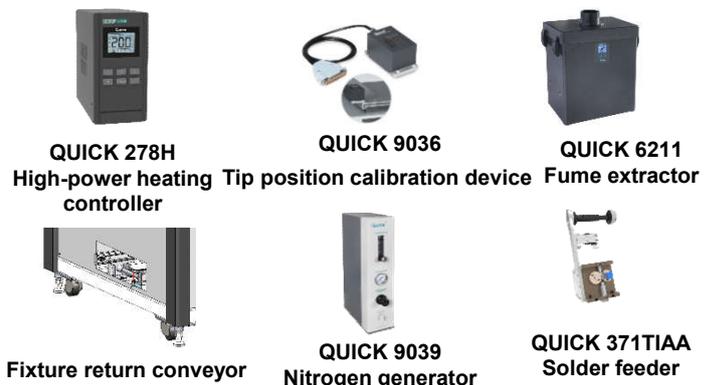
QUICK S100-T4

Features

1. Flexible combination, can connect with other inline robots such as dispensing, screwing, AOI, selective soldering etc.

2. Modularized design and easy maintenance.

3. Screw servo module, high precision, high speed and large payload.

4. Superior temperature control system, fast temperature rise and super thermal recovery.

5. Fixture reflow line optional, can work with the front and rear lift.

6. Can connect to client's MES to read the information of temperature, solder amount etc.

7. Adjustable conveyor design with the range of 50-400mm, and the direction of workflow switchable..

Model		QUICK S100-T4
Number of controllable axis		4
Power consumption		800W
Input power		220V 50Hz
Air pressure		0.4～0.7MPa
Heating controller power consumption		200W
Movement range	X/Y/Z Axis	400/500/100mm
	R Axis	±180°
Moving speed	X/Y/Z Axis	0.1～800 mm/sec 0.1～400 mm/sec（Z Axis）
	R Axis	0.1～800°/s
Repeatable accuracy	X/Y/Z Axis	±0.01 mm
	R Axis	±0.02°
Soldering area（X*Y）		300mm*370mm
Conveyor speed		Adjustable 1～300 mm/sec
Conveyor width		Adjustable 50～400 mm
Conveyor height		900mm±20mm
Fixture range（X*Y）		300*400mm
Size（W*D*H）		800*1350mm*1650 mm
Weight		700kg

Size

Options

QUICK 278H
High-power heating controller

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

Fixture reflow conveyor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Offline double-side soldering robot
QUICK EG95T4YA

QUICK®

Features

Motion platform
Double-side design, integration of two soldering systems.

The integration design increases the stability of the robot under high speed operation, more convenient movement, easy daily maintenance.

Full-closed-loop control of axis movement, no step loss, strong load capacity and high running speed. two modes: 1.putting in front and taking in front, 2.putting in front and taking in back. It can be used as a single soldering workstation or in a semi-automatic production line to solve the problems of product handling and circulation.

Upper protective cover available

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, and it has the alarm function of solder shortage and blocking.

Heating controller
QUICK378FA heating controller, high-frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with the computer through RS-485,with abnormal temperature alarm and solder shortage alarm.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the side point function, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK EG95T4YA
Number of controllable axis		4
Power consumption		800W
Heating controller power consumption		200W
Movement range	X/Y/Z Axis	500mm/800mm/100mm
	R Axis	±180°
Moving speed	X/Y Axis	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec
	R axis	0.1～800°/sec
Repeatable accuracy	X/Y/Z Axis	±0.01 mm
	R axis	±0.02°
Maximum payload	Z axis	3kg
	Platform	8kg
Operating range		200*300mm（Double Y axes)
Size（W*D*H）		900*1040*1550mm
Weight		450kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Upper protective cover

Size

Size with protective cover
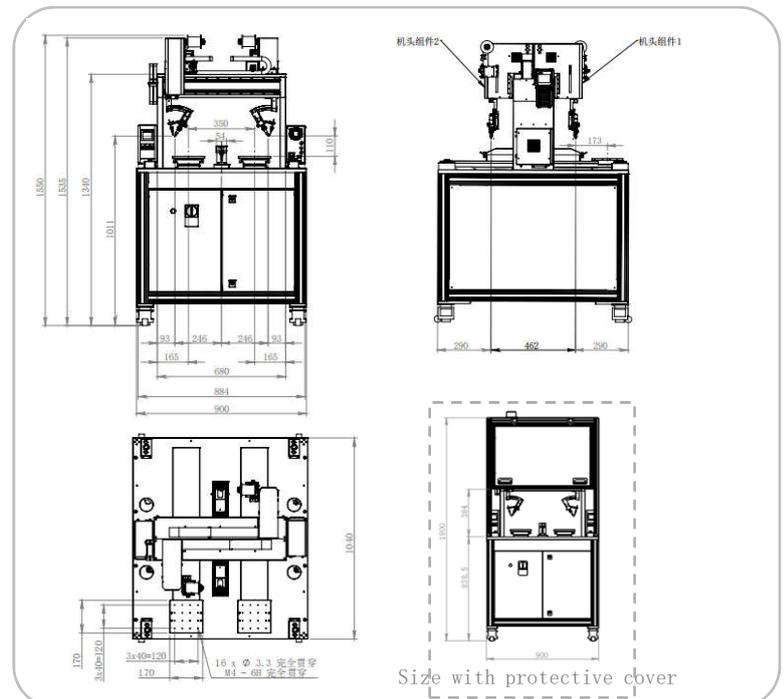
QUICK®

Desktop soldering robot

QUICK ET9383C/9483C

Features

Motion platform
C series soldering robot with precision built-in solder feeding module, pulse control of solder length, separation of temperature control and solder feeding module, easier maintenance, high cost performance.

Heating controller
High-power QUICK262 intelligent temperature controller, high-frequency eddy current heating, double temperature display, digital temperature calibration, password control ,switching power supply, stable and reliable output.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, it supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9383C	QUICK ET9483C
Number of controllable axis		3	3
Power consumption		250W	250W
Heating controller power consumption		150W	150W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec	0.1～600 mm/sec
	Z Axis	0.1～200 mm/sec	0.1～200 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm
Maximum payload	Z axis	2kg	2kg
	Platform	5kg	5kg
Operating range		240*300mm	340*400mm
Size（W*D*H）		620x605x720mm	720x705x720mm
Weight		40kg	45kg

ET9383C Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 240*300mm

ET9483C Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 340*400mm

Desktop soldering robot
QUICK ET9583CYA

Features

Motion platform
C series soldering robot with precision built-in solder feeding module, pulse control of solder length, separation of temperature control and solder feeding module, easier maintenance, high cost performance.

Heating controller
High-power QUICK262 intelligent temperature controller, high-frequency eddy current heating, double temperature display, digital temperature calibration, password control ,switching power supply, stable and reliable output.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.
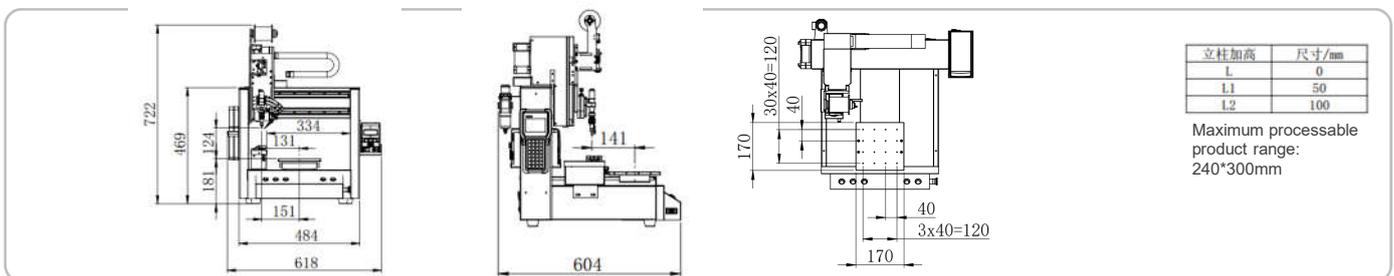
Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.
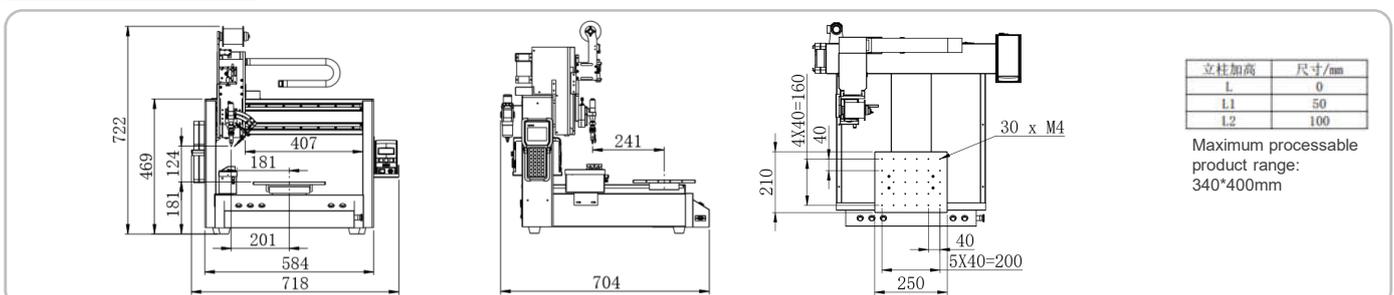
Teach pendant
QUICK9011D teach pendant, it supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9583CYA
Number of controllable axis		3
Power consumption		260W
Heating controller power consumption		150W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～200 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
Maximum payload	Z Axis	2kg
	Platform	5kg
Operating range		230*400mm（Double Y axis）
Size（W*D*H）		820x705x720mm
Weight		60kg

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range:
230*400mm (Double Y Axes)
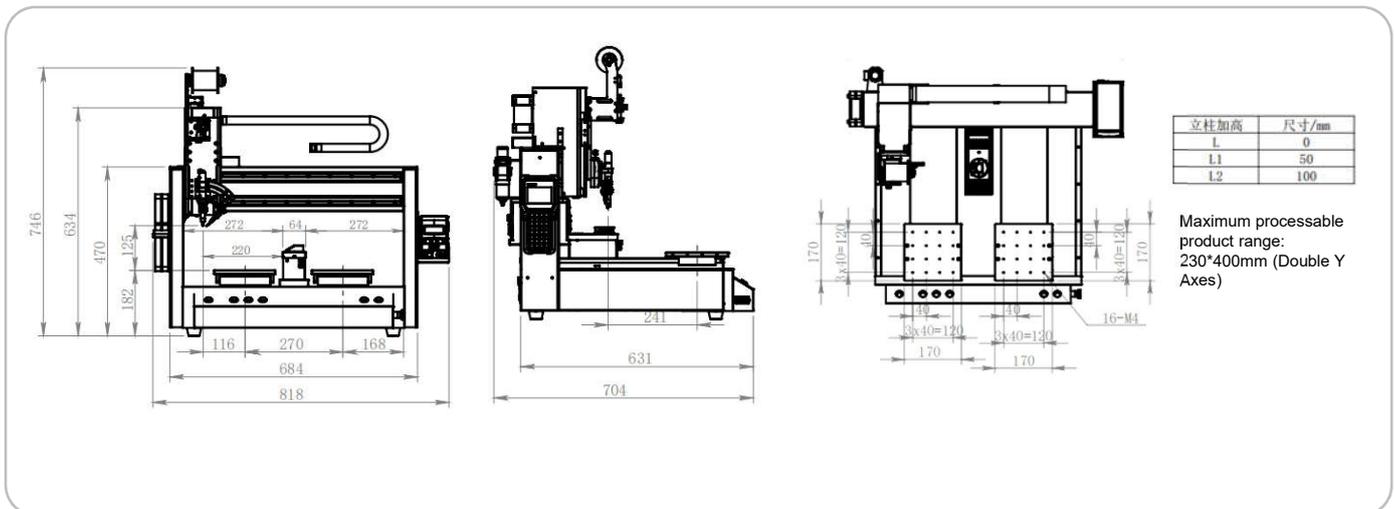
Desktop soldering robot

QUICK ET9384C/9484C

QUICK®

Features

Motion platform
C series soldering robot with precision built-in solder feeding module, pulse control of solder length, separation of temperature control and solder feeding module, easier maintenance, high cost performance.

Heating controller
High-power QUICK262 intelligent temperature controller, high-frequency eddy current heating technology, double temperature display, digital temperature calibration, password control ,switching power supply, stable and reliable output.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, it supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9384C	QUICK ET9484C
Number of controllable axis		4	4
Power consumption		280W	280W
Heating controller power consumption		150W	150W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
	R Axis	300°	300°
Moving speed	X/Y Axis	0.1～600 mm/sec	0.1～600 mm/sec
	Z Axis	0.1～200 mm/sec	0.1～200 mm/sec
	R Axis	0.1-600°/sec	0.1-600°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm
	R Axis	±0.02°	±0.02°
Maximum payload	Z Axis	2kg	2kg
	Platform	5kg	5kg
Operating range		240*300mm	340*400mm
Size（W*D*H）		620x605x720mm	720x705x890mm
Weight		45kg	55kg

ET9384C Size

ET9484C Size
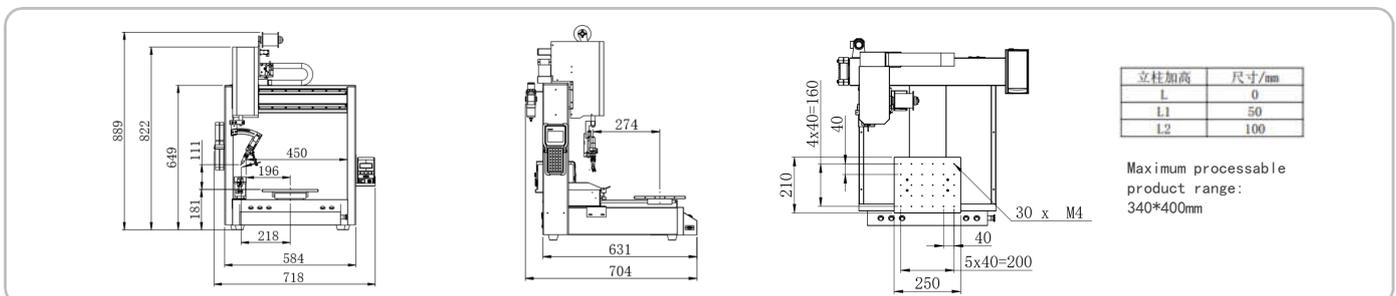
QUICK®

Desktop soldering robot
QUICK ET9584CYA

Features

Motion platform
   C series soldering robot independently developed by QUICK with precision built-in solder feeding module, pulse control of solder length, separation of temperature control and solder feeding module, easier maintenance, high cost performance.

Heating controller
   High-power QUICK262 intelligent temperature controller, high-frequency eddy current heating technology, double temperature display, digital temperature calibration, password control ,switching power supply, stable and reliable output.

Soldering pen
   QUICK9018M special soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.
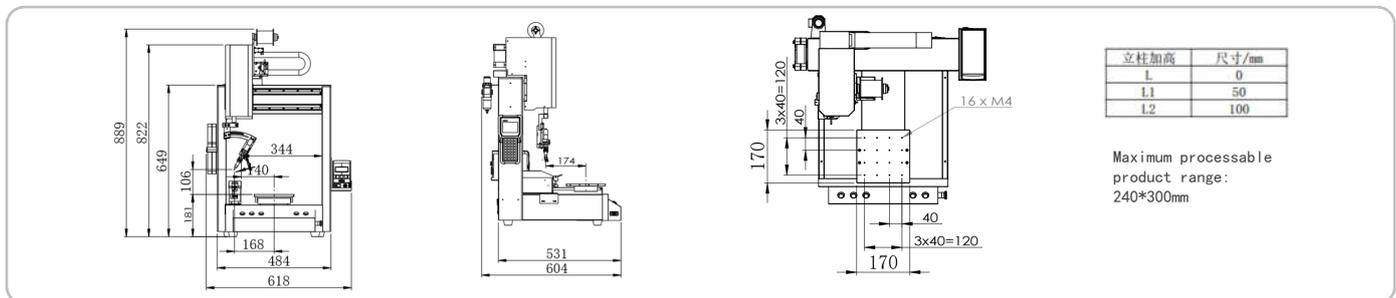
Solder feeder
   QUICK371TAA, small size and high precision. Controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
   QUICK9011D teach pendant, it supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular

Model		QUICK ET9584CYA
Number of controllable axis		4
Power consumption		310W
Heating controller power consumption		150W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
	R Axis	300°
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～200 mm/sec
	R Axis	0.1～600°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
	R Axis	±0.02°
Maximum payload weight	Z Axis	2kg
	Platform	5kg
Operating range		230*400mm（Double Y axes）
Size（W*D*H）		820x705x880mm
Weight		65kg

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 230*400mm (Double Y Axes)
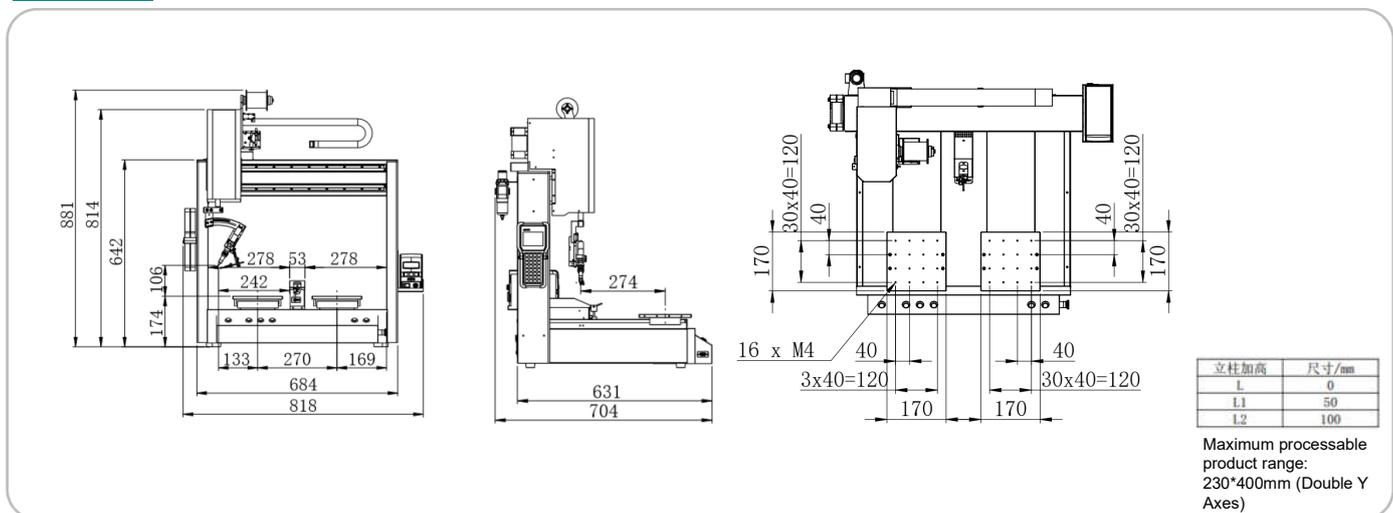
QUICK

Desktop soldering robot
QUICK ET9383E-BB1/9483E-BB1

Features

Motion platform
E series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular

Model		QUICK ET9383E-BB1	QUICK ET9483E-BB1
Number of controllable axis		3	3
Power consumption		500W	500W
Heating controller power consumption		200W	200W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
Moving speed	X/Y Axis	0.1～800 mm/sec	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm	± 0.01 mm
Maximum payload	Z Axis	5kg	5kg
	Platform	8kg	8kg
Operating range		240*300mm	340*400mm
Size（W*D*H）		630x607x730mm	733x710x742mm
Weight		40kg	45kg

Options

QUICK 9036
Tip position calibration device
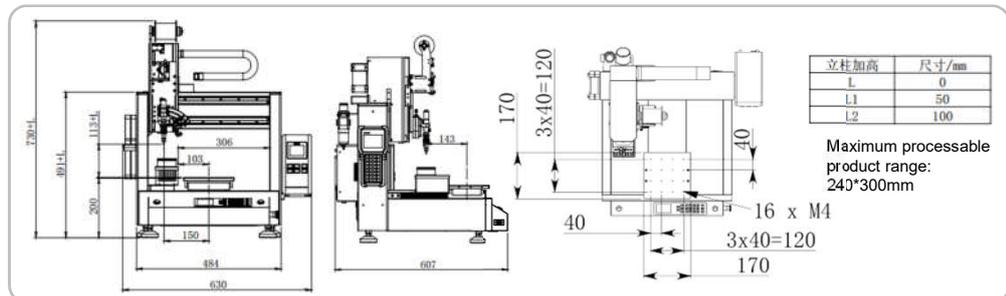
QUICK 6211
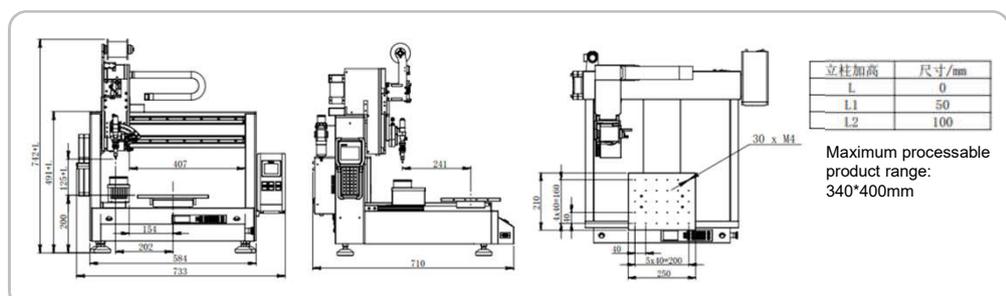Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

ET9383E-BB1 Size

Maximum processable product range: 240*300mm

ET9483E-BB1 Size

Maximum processable product range: 340*400mm

QUICK®

Desktop soldering robot
QUICK ET9583EYA-BB1

Features

Motion platform
E series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular

Model		QUICK ET9583EYA-BB1
Number of controllable axis		3
Power consumption		500W
Heating controller power consumption		200W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		200*400mm（Double Y axes）
Size（W*D*H）		830x707x731mm
Weight		55kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range:
200*400mm (Double Y Axes)

QUICK®

Desktop soldering robot
QUICK ET9384E-BB1/9484E-BB1

Features

Motion platform
E series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9384E-BB1	QUICK ET9484E-BB1
Number of controllable axis		4	4
Power consumption		600W	600W
Heating controller power consumption		200W	200W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
	R Axis	±180°	±180°
Moving speed	X/Y Axis	0.1～800 mm/sec	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
	R Axis	0.1～800°/sec	0.1～800°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm	± 0.01 mm
	R Axis	±0.02°	±0.02°
Maximum payload	Z Axis	3kg	3kg
	Platform	8kg	8kg
Operating range		240*300mm	340*400mm
Size（W*D*H）		633x618x852mm	732x723x852mm
Weight		45kg	55kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
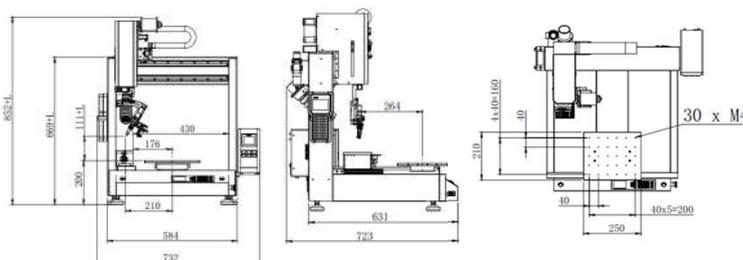Nitrogen generator

QUICK 371TIAA
Solder feeder

ET9384E-BB1 Size
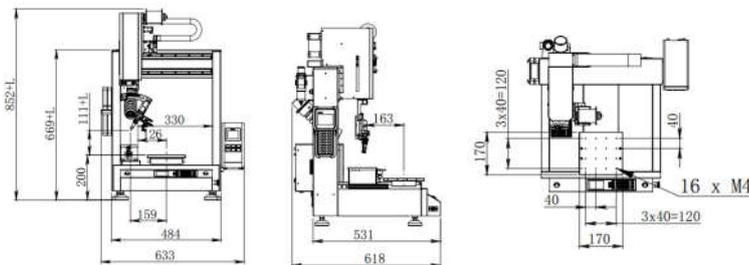
立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 240*300mm

ET9484E-BB1 Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 340*400mm

Desktop soldering robot
QUICK ET9584EYA-BB1

Features

Motion platform
E series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9584EYA-BB1
Number of controllable axis		4 Axes
Power consumption		600W
Heating controller power consumption		200W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
	R Axis	±180°
Moving speed	X/Y Axis	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec
	R Axis	0.1～800°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm
	R Axis	±0.02°
Maximum payload	Z Axis	3kg
	Platform	8kg
Operating range		200*400mm（Double Y axes）
Size（W*D*H）		833x723x852mm
Weight		65kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Size
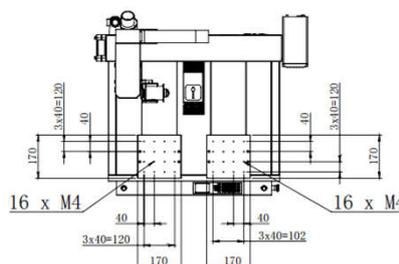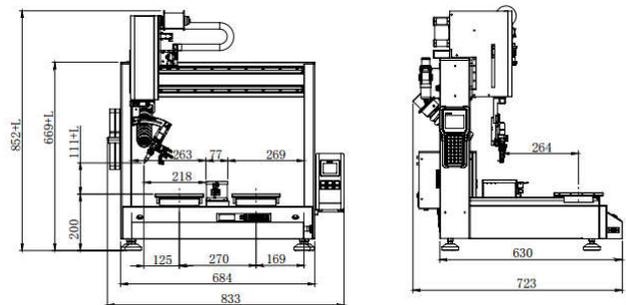
立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range:
200*400mm (Double Y Axes)

QUICK®

Desktop soldering robot
QUICK ET9383ED-BB1/9483ED-BB1

Features

Motion platform
E series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, QUICK9018BMT for N2 optional

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.
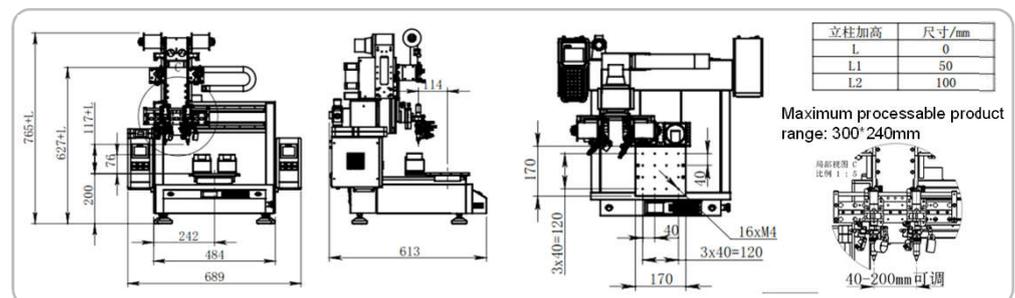
Model		QUICK ET9383ED-BB1	QUICK ET9483ED-BB1
Number of controllable axis		3	3
Power consumption		700W	700W
Heating controller power consumption		200W	200W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
Moving speed	X/Y Axis	0.1～800 mm/sec	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm	± 0.01 mm
Maximum payload	Z Axis	5kg	5kg
	Platform	8kg	8kg
Operating range		300*240mm	400*340mm
Size（W*D*H）		690x615x765mm	790x715x765mm
Weight		40kg	45kg

Options

QUICK 371TIAA
Solder feeder

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

ET9383ED-BB1 Size

Maximum processable product range: 300*240mm

ET9483ED-BB1 Size

Maximum processable product range: 400*340mm

QUICK INTELLIGENT EQUIPMENT
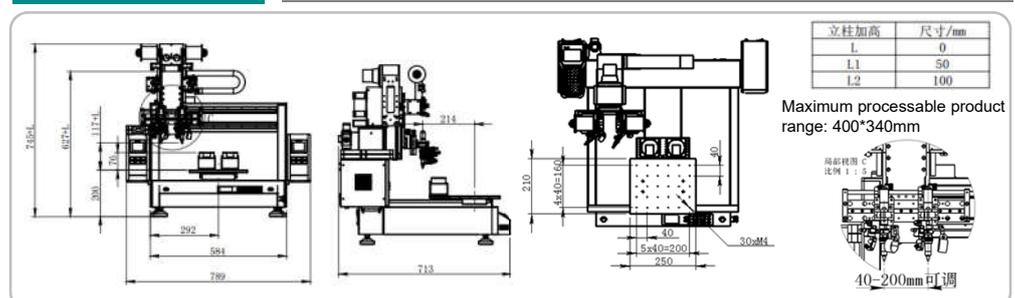
QUICK

Desktop soldering robot
QUICK ET9393F-A/9493F-A

Features

Motion platform
F series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision. controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model	QUICK ET9393F-A	QUICK ET9493F-A
Number of controllable axis	3	3
Power consumption	500W	500W
Heating controller power consumption	200W	200W
Movement range X/Y Axis	300mm	400mm
Movement range Z Axis	100mm	100mm
Moving speed X/Y Axis	0.1～800 mm/sec	0.1～800 mm/sec
Moving speed Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy X/Y/Z Axis	± 0.01 mm	± 0.01 mm
Maximum payload Z Axis	5kg	5kg
Maximum payload Platform	8kg	8kg
Operating range	240*300mm	340*400mm
Size（W*D*H）	645x571x736mm	695x690x700mm
Weight	60kg	70kg

Options

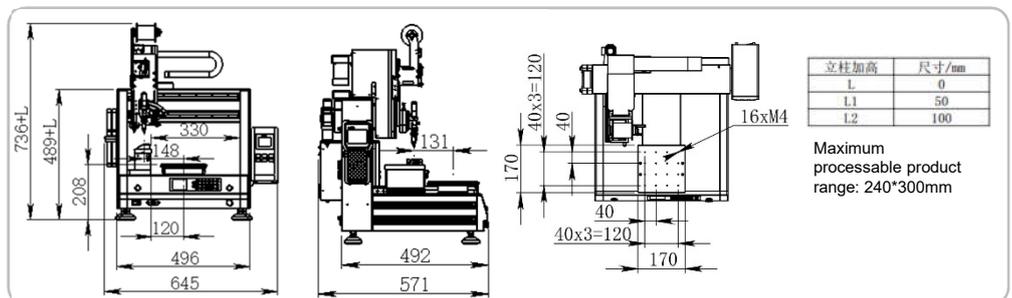**QUICK 9036**
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

ET9393F-A Size

Maximum processable product range: 240*300mm

ET9493F-A Size

Maximum processable product range:340*400mm

Desktop soldering robot
QUICK ET9593FYA-A

QUICK

Features

Motion platform
F series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9593FYA-A
Number of controllable axis		3
Power consumption		500W
Heating controller power consumption		200W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.01 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		200*400mm（Double Y axes）
Size（W*D*H）		845x671x736mm
Weight		80kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range:
200*400mm (Double Y Axes)
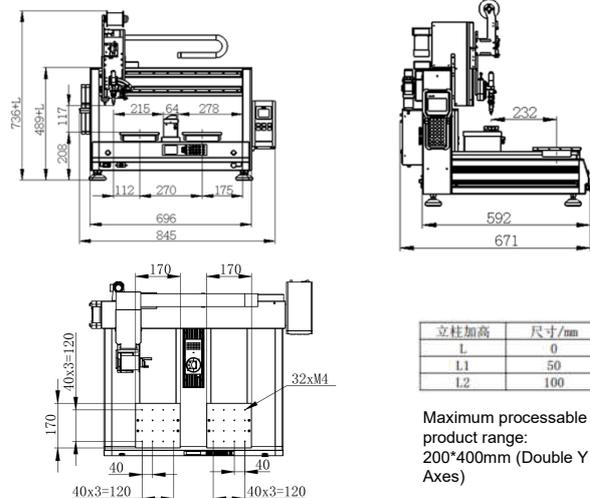
Desktop soldering robot
QUICK ET9394F-A/9494F-A

Features

Motion platform
F series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9394F-A	QUICK ET9494F-A
Number of controllable axis		4	4
Power consumption		600W	600W
Heating controller power consumption		200W	200W
Movement range	X/Y Axis	300mm	400mm
	Z Axis	100mm	100mm
	R Axis	±180°	±180°
Moving speed	X/Y Axis	0.1～800 mm/sec	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
	R Axis	0.1～600°/sec	0.1～600°/sec
Repeatable accuracy	X/Y/Z Axis	±0.01 mm	±0.01 mm
	R Axis	±0.02°	±0.02°
Maximum payload	Z Axis	3kg	3kg
	Platform	8kg	8kg
Operating range		260*300mm	340*400mm
Size（W*D*H）		645x579x899mm	745x679x899mm
Weight		70kg	80kg

Options

QUICK 9036
Tip position calibration device

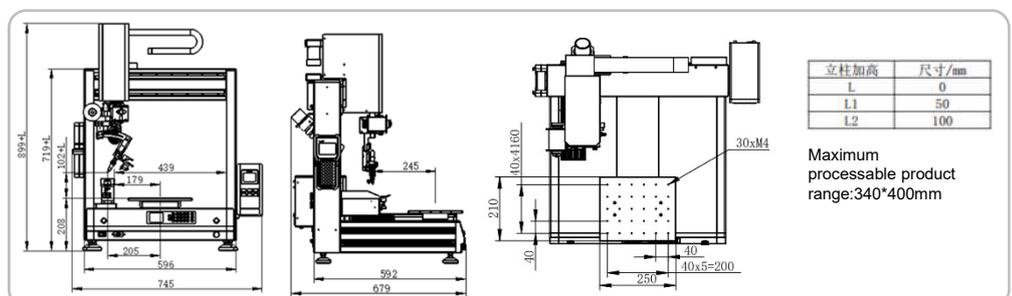**QUICK 6211**
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

ET9394F-A Size

Maximum processable product range:260*300mm

ET9494F-A Size

Maximum processable product range:340*400mm

Desktop soldering robot
QUICK ET9594FYA-A

QUICK

Features

Motion platform
F series soldering platform of high speed and high accuracy, low noise, Y-axis closed-loop control, no lost steps, strong load capacity, modular design, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (single and two-hand start optional), safe and reliable.

Heating controller
QUICK378FA temperature controller, high frequency eddy current heating, stable and reliable temperature, fast thermal recovery, connect with computer through RS-485, real-time monitor and set parameters like temperature, solder feeding etc, with abnormal temperature alarm and solder shortage alarm function etc.

Soldering pen
QUICK9018M soldering pen, front temperature sensor, quick sensing of solder joint temperature fluctuation, rapid thermal recovery.

Solder feeder
QUICK371TAA, small size and high precision, controlled by precision stepping motor, the minimum solder feeding length can reach 0.1mm, solder shortage and block alarm function available.

Teach pendant
QUICK9011D teach pendant, supports array and group functions, with the function of side points, and supports various processes such as single-step operation, integral machining, simulated operation and automatic circular.

Model		QUICK ET9594FYA-A
Number of controllable axis		4
Power consumption		600W
Heating controller power consumption		200W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
	R Axis	±180°
Moving speed	X/Y Axis	0.1～800 mm/sec
	Z Axis	0.1～300 mm/sec
	R Axis	0.1～600°/sec
Repeatable accuracy	X/Y/Z Axis	±0.01 mm
	R Axis	±0.02°
Maximum payload	Z Axis	3kg
	Platform	8kg
Operating range		200*400mm（Double Y）
Size（W*D*H）		845x679x899mm
Weight		90kg

Options

QUICK 9036
Tip position calibration device
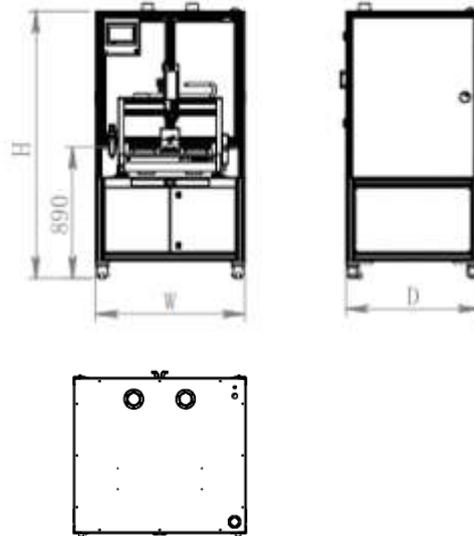

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 200*400mm (Double Y Axes)
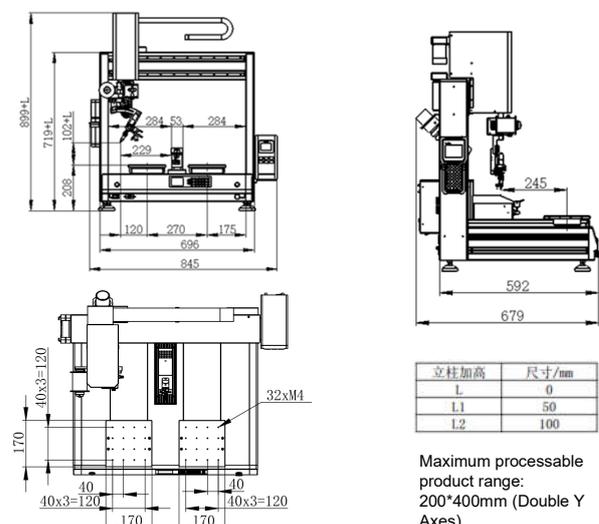
Semi-closed Work Enclosure
QUICK ECS40A

* Without soldering robot

Size

Options

Light tree   **Light curtain**   **PC**

Specifications

Model	Size			Maximum movement range		Compatible robot model
	Width(W)	Depth(D)	Height(H)	X	Y	
ECS40AB	1000mm	900mm	1800mm	500mm	400mm	ET9583EYA-BB1/ET9584EYA-BB1
				500mm	500mm	ET9593F-A/ET9594F-A/ET9593FY-A/ ET9594FY-A
				500mm	400mm	ET9593FA-A/ET9594FA-A/ET9593FYA-A/ ET9594FYA-A
ECS40AC	900mm	900mm	1800mm	400mm	400mm	ET9483E-BB1/ET9484E-BB1
				300mm	300mm	ET9383E-BB1/ET9384E-BB1
				400mm	400mm	ET9493F-A/ET9494F-A
				300mm	300mm	ET9393F-A/ET9394F-A

QUICK®

Gantry soldering robot
QUICK 9152N 9252N

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

Intelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485, real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9152N	QUICK 9252N
Number of controllable axis		2	2
Power consumption		300W	300W
Heating controller power consumption		150W	150W
Movement range	X Axis	100mm	200mm
	Z Axis	100mm	100mm
Moving speed	X/Y Axis	0.1～300 mm/sec	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm
Maximum payload	Z axis	3kg	3kg
Size（W*D*H）		300×500×540mm	300×600×540mm
Weight		18kg	20kg

Options

QUICK 9036
Tip position calibration device

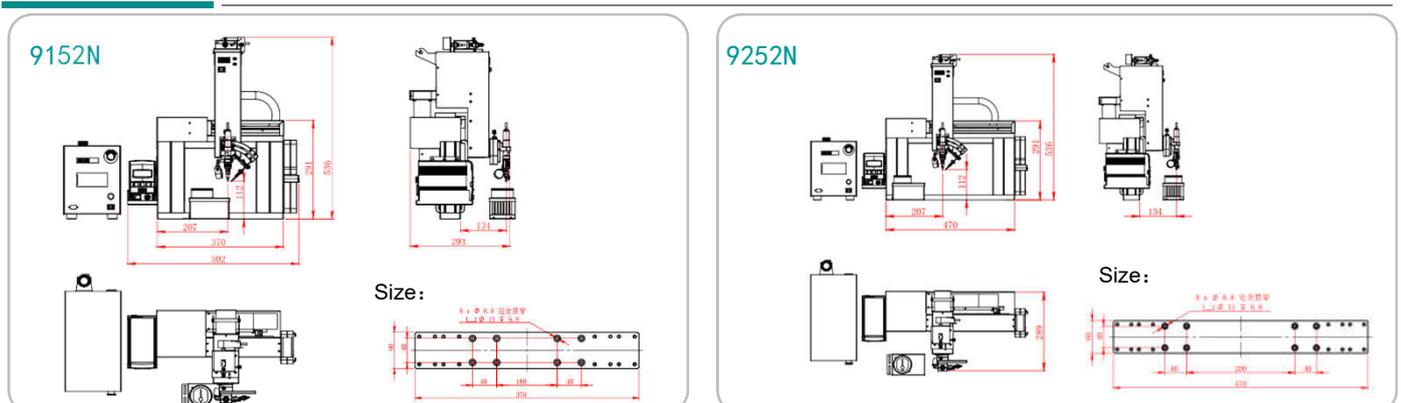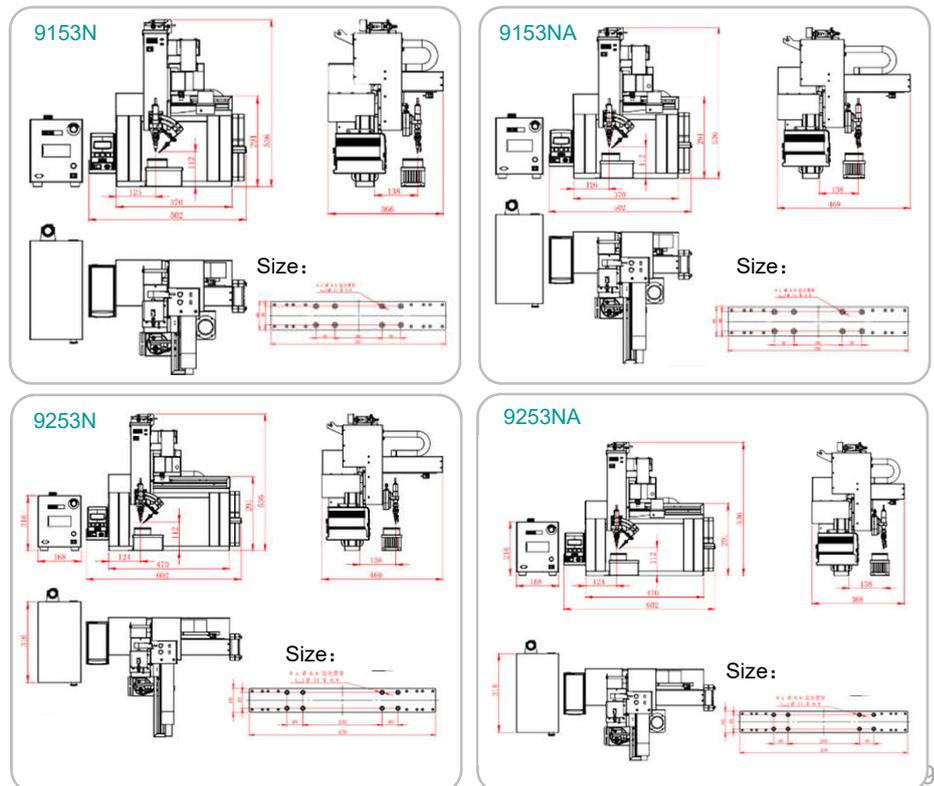**QUICK 6211**
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Servo motion control system

Size

9152N

9252N

Size：

Size：

Gantry soldering robot
QUICK 9153N(A) 9253N(A)

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

Intelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485.Real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9153N	QUICK 9153NA	QUICK 9253N	QUICK 9253NA
Number of controllable axis		3	3	3	3
Power consumption		300W	300W	300W	300W
Heating controller power consumption		150W	150W	150W	150W
Movement range	X Axis	100mm	100/200mm	200mm	200/100mm
	Z Axis	100mm	100mm	100mm	100mm
Moving speed	X/Y Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z axis	± 0.02 mm	± 0.02 mm	± 0.02 mm	± 0.02 mm
Maximum payload	Z axis	3kg	3kg	3kg	3kg
Size（W*D*H）		500×370×540mm	500×470×540mm	600×470×540mm	600×370×540mm
Weight		32kg	35kg	36kg	35kg

Options

QUICK 9036
Tip position calibration device

**QUICK 6211**
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Servo motion control system

Size

9153N

9153NA

9253N

9253NA

QUICK®

Gantry soldering robot
QUICK 9353N(A) 9453NA

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

Intelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485.Real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9353N	QUICK 9353NA	QUICK 9453NA
Number of controllable axis		3	3	3
Power consumption		400W	400W	400W
Heating controller power consumption		200W	200W	200W
Movement range	X Axis	300mm	300/200mm	400/300mm
	Z Axis	100mm	100mm	100mm
Moving speed	X/Y Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm	± 0.02 mm
Maximum payload	Z Axis	3kg	3kg	3kg
Size（W*D*H）		650×620×520mm	650×520×520mm	750×620×520mm
Weight		36kg	36kg	40kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Servo motion control system

Size

9353N

Size：

9353NA

Size：

9453NA

Size：

QUICK INTELLIGENT EQUIPMENT
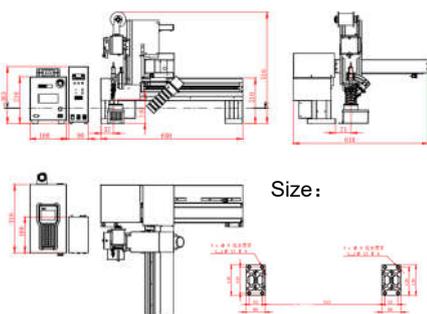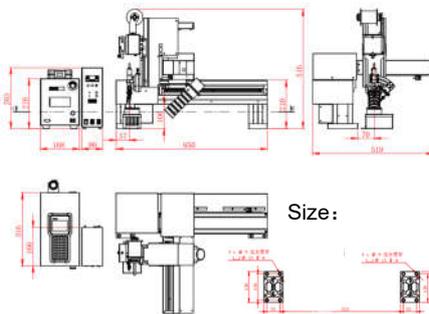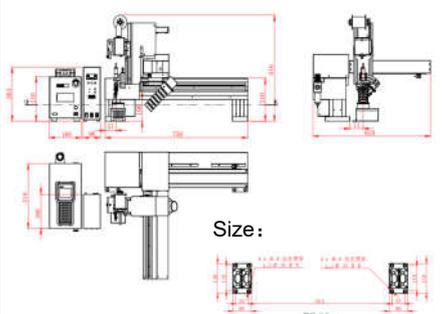
QUICK

Gantry soldering robot
QUICK 9154N(A) 9254N(A)

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

Intelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485.Real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9154N	QUICK 9154NA	QUICK 9254N	QUICK 9254NA
Number of controllable axis		4	4	4	4
Power consumption		350W	350W	350W	350W
Heating controller power consumption		150W	150W	150W	150W
Movement range	X/Y Axis	100mm	100/200mm	200mm	200/100mm
	Z Axis	100mm	100mm	100mm	100mm
	R Axis	±180°	±180°	±180°	±180°
Moving speed	X/Y Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	R Axis	0.1～600°/sec	0.1～600°/sec	0.1～600°/sec	0.1～600°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm	± 0.02 mm	± 0.02 mm
	R Axis				
Maximum payload	Z Axis	2kg	2kg	2kg	2kg
Size（W*D*H）		500×370×720mm	500×470×720mm	600×470×720mm	600×370×720mm
Weight		35kg	37kg	40kg	38kg

Options

QUICK 9036
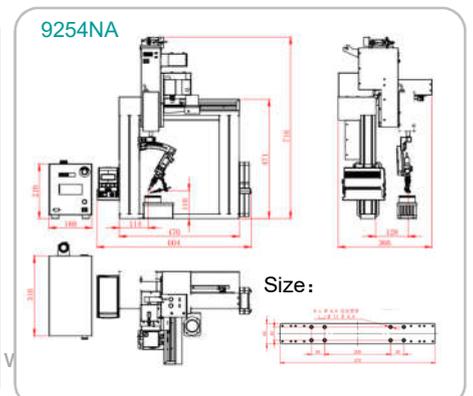Tip position calibration device

QUICK 6211
Fume extractor
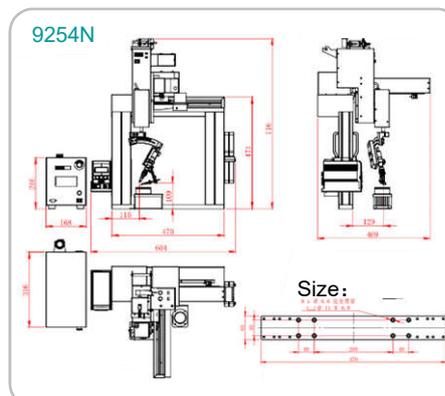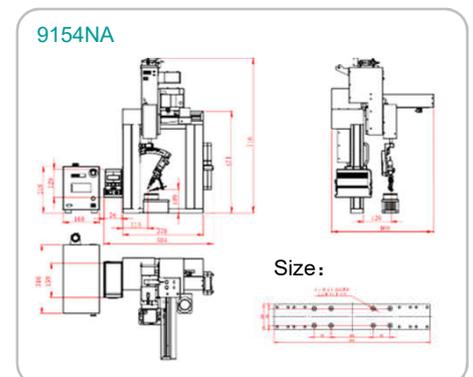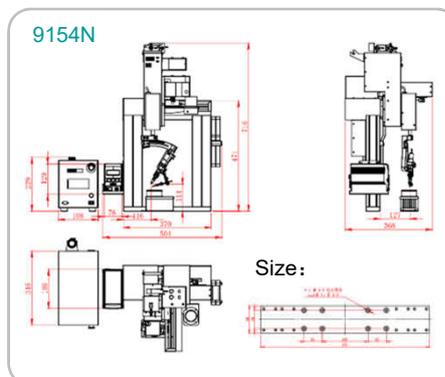
QUICK 9039
Nitrogen generator

QUICK 371TIAA
Solder feeder

Servo motion control system

Size

9154N

Size：

9154NA

Size：

9254N

Size：

9254NA

Size：

QUICK®

Gantry soldering robot
QUICK 9354N(A) 9454NA

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

Intelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485.Real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9354N	QUICK 9354NA	QUICK 9454NA
Number of controllable axis		4	4	4
Power consumption		400W	400W	400W
Heating controller power consumption		200W	200W	200W
Movement range	X/Y Axis	300mm	300/200mm	400/300mm
	Z Axis	100mm	100mm	100mm
	R Axis	300°	300°	300°
Moving speed	X/Y Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec	0.1～300 mm/sec	0.1～300 mm/sec
	R Axis	0.1～600° /sec	0.1～600° /sec	0.1～600° /sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm	± 0.02 mm	± 0.02 mm
	R axis			
Maximum payload	Z axis	2kg	2kg	2kg
Size（W*D*H）		650×680×720mm	650×580×720mm	750×680×720mm
Weight		45kg	48kg	50kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
Nitrogen generator

QUICK 371TIAA
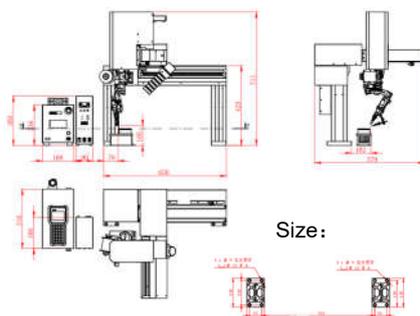Solder feeder
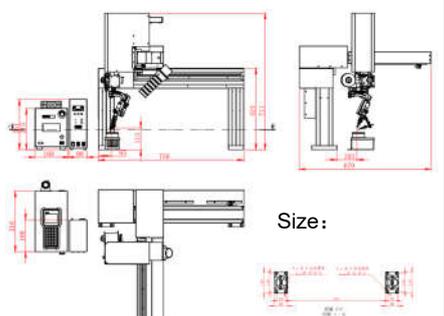

Servo motion control system

Size

9354N
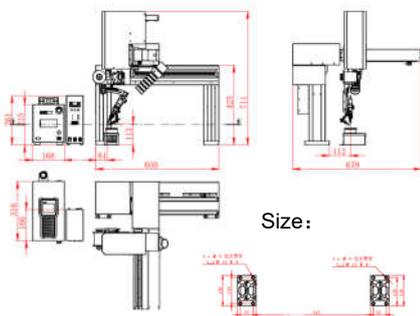
Size：

9354NA

Size：

9454NA

Size：

QUICK®

Gantry soldering robot
QUICK 9454N

Features

Precision screw drive
Precision screw module structure, with strong load capacity and high operation precision.

İntelligent temperature compensation
High frequency current heating, fast heating and thermal recovery.

Alarm functions
Temperature abnormal and solder wire shortage alarm available.

Real-time communication function
Communicate with computer through RS-485.Real-time viewing and setting temperature and solder feeding parameters etc.

MES function
Reading local data through MES.

Teach pendant
Handheld teach pendant, easy to program.

Model		QUICK 9454N
Number of controllable axis		4
Power consumption		1500W
Heating controller power consumption		200W
Movement range	X/Y Axis	400mm
	Z Axis	100mm
	R Axis	300°
Moving speed	X/Y Axis	0.1～300 mm/sec
	Z Axis	0.1～300 mm/sec
	R Axis	0.1～600°/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
	R Axis	
Maximum payload	Z Axis	2kg
Size（W*D*H）		950×860×720mm
Weight		108kg

Options

QUICK 9036
Tip position calibration device

QUICK 6211
Fume extractor

QUICK 9039
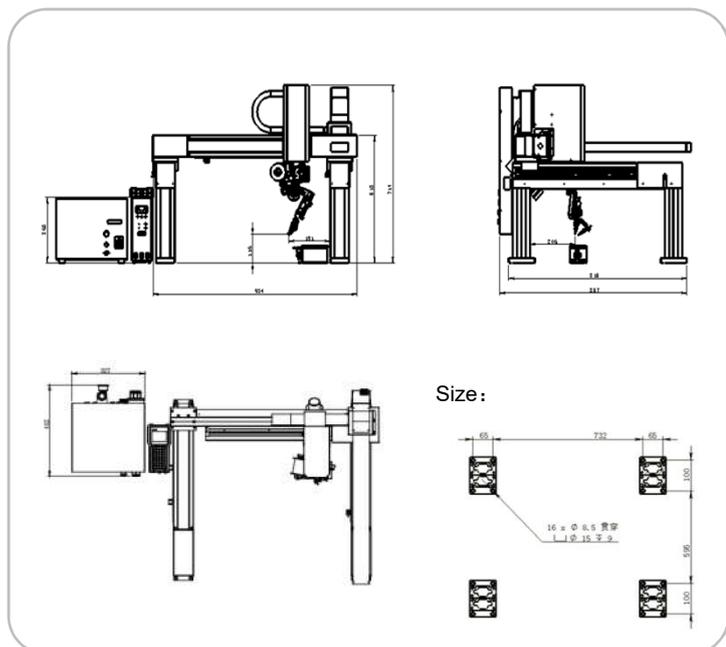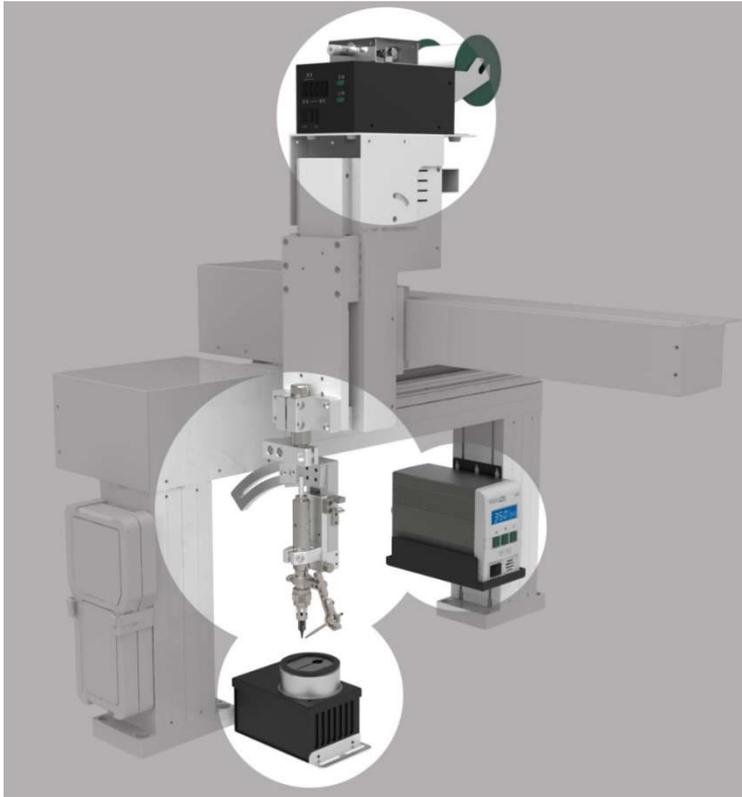Nitrogen generator

QUICK 371TIAA
Solder feeder

Servo motion control system

Size

Size：

Soldering Set
QUICK 7050A

QUICK 262 Heating controller
Power consumption:150W
Size:161*76*128mm
Weight: about 1.2Kg

QUICK 371D Solder feeder
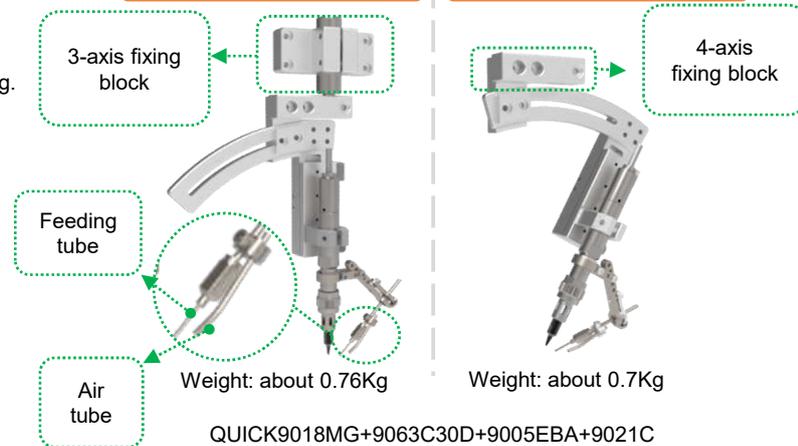Solder wire diameter: 0.5-1.2mm
Size: 206*82*98mm
Weight: about 1.2Kg

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

Features

- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
- Feeding bracket multi-angle adjustable.

| Diagram of 3-axis installation | Diagram of 4-axis installation |

3-axis fixing block

4-axis fixing block

Feeding tube

Air tube

Weight: about 0.76Kg

Weight: about 0.7Kg

QUICK9018MG+9063C30D+9005EBA+9021C

Model		QUICK 262
Heating parameter	Voltage	220V AC
	Power consumption	150W
	Temperature range	50℃~500℃
	Soldering pen	QUICK 9018MG
Model		**QUICK 371D**
Solder feeding parameter	Feeding speed	50mm/s
	Return length of solder	0﹀4.5mm
	Solder wire detection mode	0﹣9（Optional）
	Solder wire diameter（mm）	0.5、0.6、0.8、1.0、1.2

Soldering Set
QUICK 7050AI
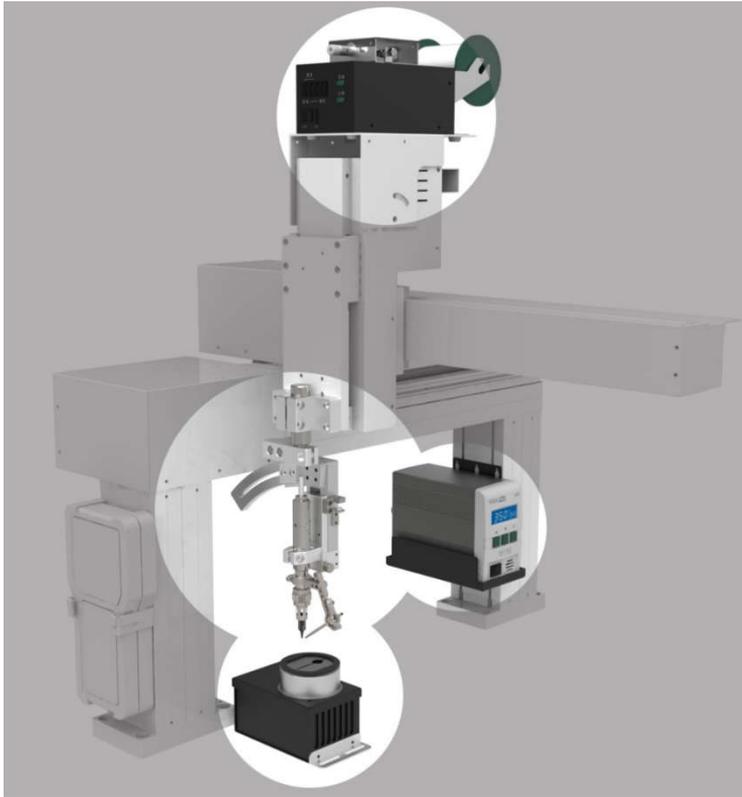
QUICK 262 Heating controller
Power consumption:150W
Size:161*76*128mm
Weight: about 1.2Kg

QUICK 371DI Solder feeder
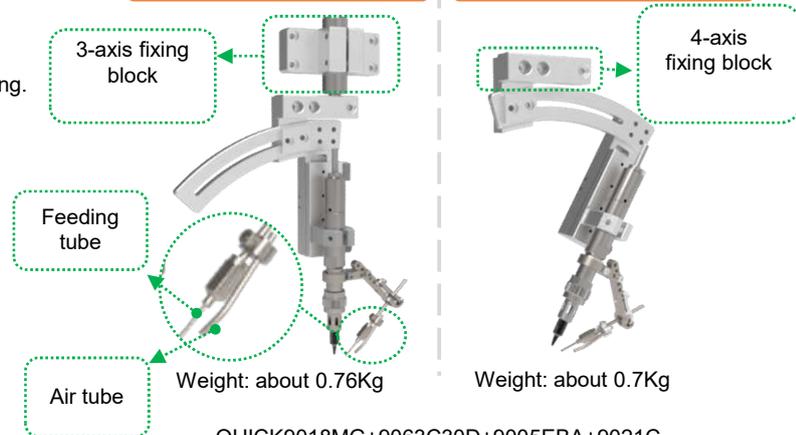Solder wire diameter: 0.6-1.2mm
Size: 206*82*98mm
Weight: about 1.2Kg

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

Features

- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
- Feeding bracket multi-angle adjustable.

| Diagram of 3-axis installation | Diagram of 4-axis installation |

3-axis fixing block

4-axis fixing block

Feeding tube

Air tube

Weight: about 0.76Kg

Weight: about 0.7Kg

QUICK9018MG+9063C30D+9005EBA+9021C

	Model	QUICK 262
Heating parameter	Voltage	220V AC
	Power consumption	150W
	Temperature range	50℃~500℃
	Soldering pen	QUICK 9018MG
	Model	**QUICK 371DI**
Solder feeding parameter	Feeding speed	50mm/s
	Return length of solder	0～4.5mm
	Solder wire detection mode	0～9（Optional）
	Solder wire diameter（mm）	0.6、0.8、1.0、1.2

Soldering Set
QUICK 7050B

QUICK 378CA Heating controller
Power consumption: 200W
Size:161*91*257mm
Weight: about 2.9Kg

QUICK 371H Solder feeder
Solder wire diameter: 0.5-1.6mm
Weight: about 1.1Kg
Two installation methods available:
Left and Right

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

Features

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
- Feeding bracket multi-angle adjustable.
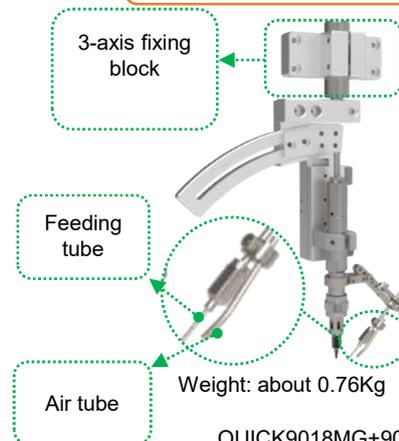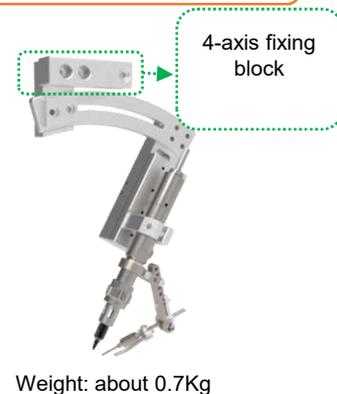
Diagram of 3-axis installation

Diagram of 4-axis installation

3-axis fixing block

4-axis fixing block

Feeding tube

Air tube

Weight: about 0.76Kg

Weight: about 0.7Kg

QUICK9018MG+9063C30D+9005EBA+9021C

Model	QUICK 378CA
Heating parameter	
Voltage	220V AC
Power consumption	200W
Temperature range	50℃~500℃
Soldering pen	QUICK 9018MG
Model	**QUICK 371H**
Solder feeding parameter	
Feeding speed	50mm/s
Return length of solder	0﹍4.5mm
Solder wire detection mode	0﹍9（Optional）
Solder wire diameter（mm）	0.5、0.6、0.8、1.0、1.2、1.6

Soldering Set
QUICK 7050BI

QUICK 378CA Heating controller
Power consumption: 200W
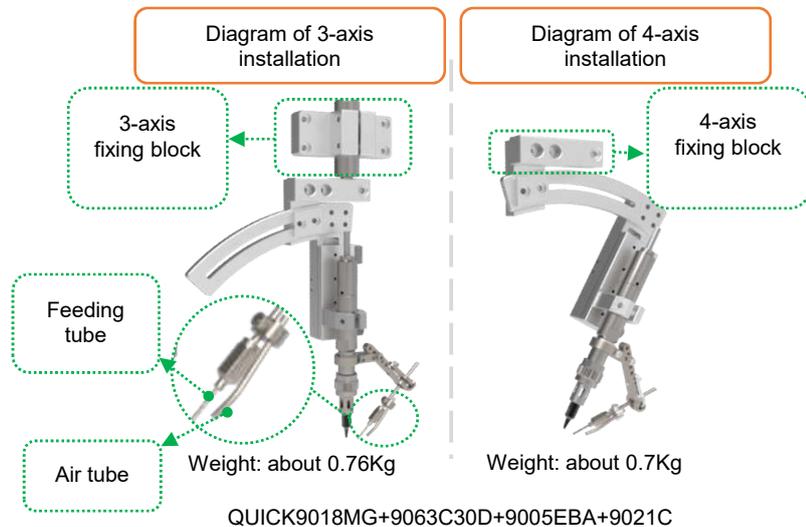Size:161*91*257mm
Weight: about 2.9Kg

QUICK 371HI Solder feeder
Solder wire diameter: 0.6-1.6mm
Weight: about 1.3Kg
Two installation methods available:
Left and Right.

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

Features

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery,.especially suitable for lead free soldering.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
- Feeding bracket multi-angle adjustable.
-

Diagram of 3-axis installation

Diagram of 4-axis installation

3-axis fixing block

4-axis fixing block

Feeding tube

Air tube

Weight: about 0.76Kg

Weight: about 0.7Kg

QUICK9018MG+9063C30D+9005EBA+9021C

Model	QUICK 378CA		
Heating parameter	Voltage	220V AC	
	Power consumption	200W	
	Temperature range	50℃~500℃	
	Soldering pen	QUICK 9018MG	
Model	**QUICK 371HI**		
Solder feeing parameter	Feeding speed	50mm/s	
	Return length of solder	0﹉4.5mm	
	Solder wire detection mode	0﹉9（Optional）	
	Solder wire diameter（mm）	0.6、0.8、1.0、1.2、1.6	

Soldering Set
QUICK 7050C

QUICK 378FA Heating controller
Power consumption: 200W
Size: 198*98*206mm
Weight: about 2.8Kg

Front installation

QUICK 371T Front solder feeder
Power consumption: 20W
Solder wire diameter: 0.3-1.2mm
Size: 168*80*112mm
Weight: about 0.7Kg

Side installation

QUICK 9026EE Solder dross box
Size:138*65*95mm
Weight: about 0.7Kg

QUICK 371T Side solder feeder
Power consumption:20W
Solder wire diameter：0.2-1.6mm
Size: 206*94*111mm
Weight: about 0.8Kg

Features

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Nitrogen protection optional.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
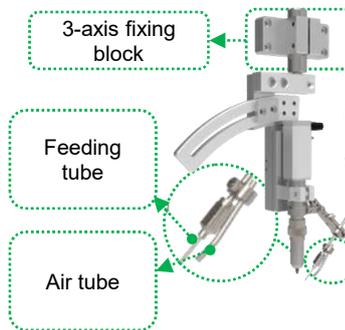- Feeding bracket multi-angle adjustable.

3-axis fixing block

Feeding tube
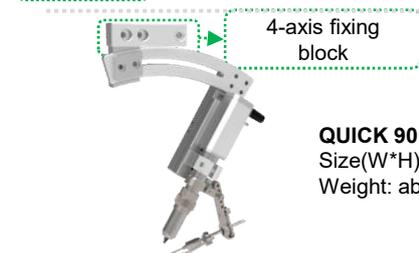
Air tube

Diagram of 3-axis installation

QUICK 9018BMT Soldering pen fixing assembly
Size(W*H): 200*264mm
Weight: about 0.75Kg

4-axis fixing block
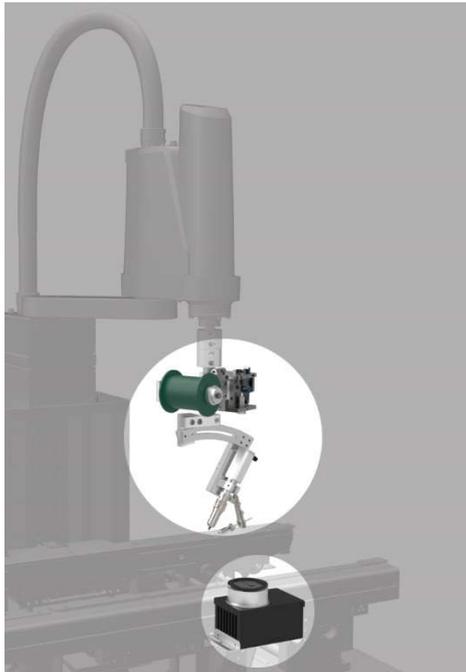
Diagram of 4-axis installation

QUICK 9018BMT Soldering pen fixing assembly
Size(W*H):157*208mm
Weight: about 0.7Kg

QUICK 908BMT+9063C30D+9005EDA-JSCZKK131+9021C

Model	QUICK 378FA	
Heating parameter	Voltage	220V AC
	Power consumption	200W
	Temperature range	50℃~500℃
	Soldering pen	QUICK 9018MG
Model	**QUICK 371T**	
Solder feeding parameter	Feeding speed	50mm/s
	Return length of solder	0﹍4.5mm
	Solder wire detection mode	0﹍9（Optional）
	Solder wire diameter（mm）	0.3、0.4、0.5、0.6、0.8、1.0、1.2

Soldering Set
QUICK 7050CI

Front installation

Side installation

QUICK 371TI Side solder feeder
Power consumption:20W
Solder wire diameter：0.4-
1.6mm
Size: 206*94*111mm
Weight: about 0.8Kg

QUICK 378FA Heating controller
Power consumption: 200W
Size: 198*98*206mm
Weight: about 2.8Kg

QUICK 371TI Front solder feeder
Power consumption:20W
Solder wire diameter: 0.5-1.2mm
Size:168*80*112mm
Weight: about 0.7Kg

QUICK 9026EE Solder dross box
Size:138*65*95mm
Weight: about 0.7Kg

Features

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Nitrogen protection optional.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
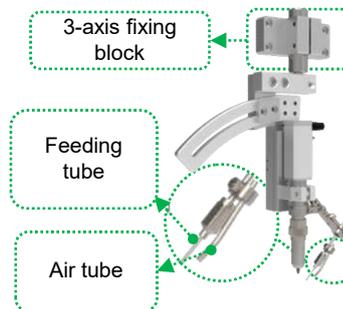- Feeding bracket multi-angle adjustable.

3-axis fixing block

Feeding tube

Air tube

Diagram of 3-axis installation

QUICK 9018BMT Soldering pen fixing assembly
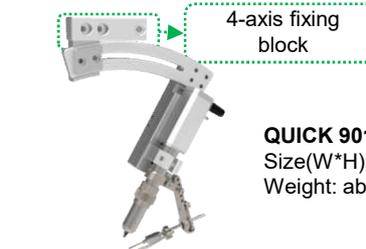Size(W*H): 200*264mm
Weight: about 0.75Kg

4-axis fixing block

Diagram of 4-axis installation

QUICK 9018BMT Soldering pen fixing assembly
Size(W*H):157*208mm
Weight: about 0.7Kg

QUICK 908BMT+9063C30D+9005EDA-JSCZKK131+9021C

Model	QUICK 378FA			
Heating parameter	Voltage	220V AC		
	Power consumption	200W		
	Temperature range	50℃~500℃		
	Soldering pen	QUICK 9018MG		
Model	**QUICK 371TI**			
Solder feeding parameter	Feeding speed	50mm/s		
	Return length of solder	0﹋4.5mm		
	Solder wire detection mode	0﹋9（Optional）		
	Solder wire diameter（mm）	0.5、0.6、0.8、1.0、1.2		

Soldering Set
QUICK 7050E

QUICK 378FA Heating controller
Power consumption: 200W
Size: 198*98*206mm
Weight: about 2.8Kg

Front installation

QUICK 371T Front solder feeder
Power consumption: 20W
Solder wire diameter: 0.3-1.2mm
Size: 168*80*112mm
Weight: about 0.7Kg

QUICK 371DNT Solder feeder
Power consumption: 20W
Solder wire diameter: 0.3-1.2mm
Size：93*75*105mm
Weight: about 0.5Kg

Side installation

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

QUICK 371T Side solder feeder
Power consumption:20W
Solder wire diameter: 0.3-1.6mm
Size: 206*94*111mm
Weight: about 0.8Kg

Features

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Nitrogen protection optional.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
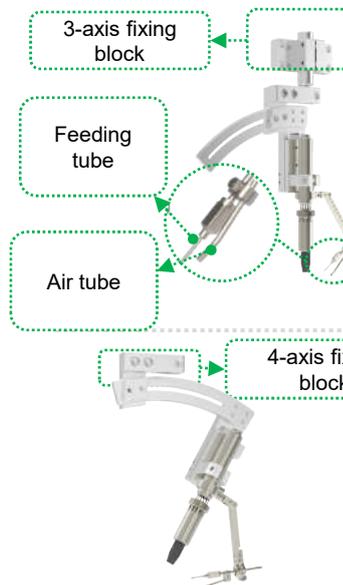- Feeding bracket multi-angle adjustable.

3-axis fixing block

Diagram of 3-axis installation

Feeding tube

QUICK 9013G Soldering pen fixing assembly
Size(W*H): 200*264mm
Weight: about 0.75Kg

Air tube

4-axis fixing block
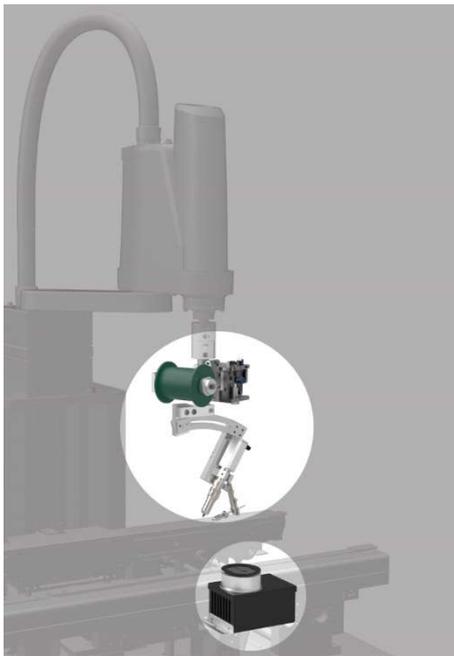
Diagram of 4-axis installation

QUICK 9013G Soldering pen fixing assembly
Size(W*H): 157*208mm
Weight: about 0.7Kg

QUICK 9013G+9063A30+9005EDA-JSCZKK131+9021C

	Model	QUICK 278H
Heating parameter	Voltage	220V AC
	Power consumption	500W
	Temperature range	50℃~500℃
	Soldering pen	QUICK 9013G
	Model	**QUICK 371T**
Solder feeding parameter	Feeding speed	50mm/s
	Return length of solder	0﹍4.5mm
	Solder wire detection mode	0﹍9（Optional）
	Solder wire diameter（mm）	0.3、0.4、0.5、0.6、0.8、1.0、1.2

Soldering Set
QUICK 7050EI

QUICK 378FA Heating controller
Power consumption: 200W
Size: 198*98*206mm
Weight: about 2.8Kg

Front installation

QUICK 371TI Front solder feeder
Power consumption:20W
Solder wire diameter: 0.5-1.2mm
Size:168*80*112mm
Weight: about 0.7Kg

QUICK 371DNT Solder feeder
Power consumption: 20W
Solder wire diameter: 0.3-1.2mm
Size：93*75*105mm
Weight: about 0.5Kg

Side installation

QUICK 9026EE Solder dross box
Size: 138*65*95mm
Weight: about 0.7Kg

QUICK 371TI Solder feeder
Power consumption:20W
Solder wire diameter: 0.5-1.6mm
Size: 206*94*111mm
Weight: about 0.8Kg

Diagram of 3-axis installation

3-axis fixing block

Features

Feeding tube

QUICK 9013G Soldering pen fixing assembly
Size(W*H): 200*264mm
Weight: about 0.75Kg

- With communication interface, which can be connected with other equipment.
- Microcomputer display, PID temperature control, extremely fast temperature rise and recovery, especially suitable for lead free soldering.
- Nitrogen protection optional.
- Various solder wires selectable, feeding speed, returning length and alarm mode all adjustable.
- Digital temperature calibration, password protection function.
- Temperature and solder wire shortage alarm available.
- Press key to adjust temperature, with automatic sleep and shutdown functions.
- With short-circuit protection, overheat protection and overvoltage protection.
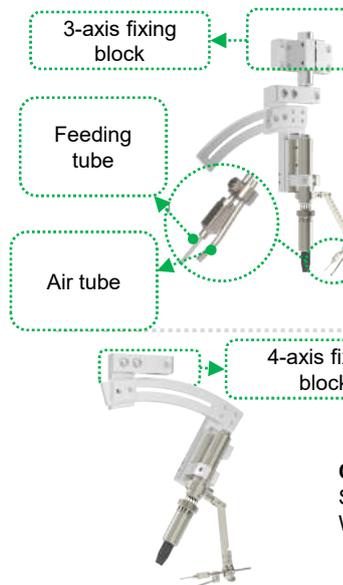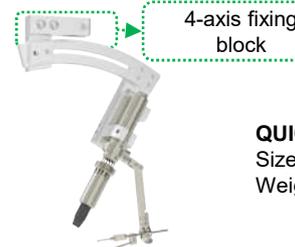- Feeding bracket multi-angle adjustable.

Air tube

4-axis fixing block

Diagram of 4-axis installation

QUICK 9013G Soldering pen fixing assembly
Size(W*H): 157*208mm
Weight: about 0.7Kg

QUICK 9013G+9063A30+9005EDA-JSCZKK131+9021C

Model		QUICK 278H
Heating parameter	Voltage	220V AC
	Power consumption	500W
	Temperature range	50℃~500℃
	Soldering pen	QUICK 9013G
Model		**QUICK 371TI**
Solder feeing parameter	Feeding speed	50mm/s
	Return length of solder	0～4.5mm
	Solder wire detection mode	0～9（Optional）
	Solder wire diameter（mm）	0.5、0.6、0.8、1.0、1.2

QUICK®

Desktop Hotbar Robot
QUICK ET9H383

Features

Motion platform
Y axis controlled by closed-loop motor, with strong load capacity and accurate speed control, double-rail for X/Y axis, precise moving, multiple groups of soldering process parameters selectable, can read parameters through MES and can be started with both hands (single or two hands optional), which is safe and reliable.

Heating controller
Intelligent temperature control system, accurate and stable temperature, closed-loop temperature control, RS485 communication function which can communication with PC/PLC, alarm of abnormal temperature available.

Pressure assembly
Closed-loop pressure control, with abnormal pressure alarm.

Teach pendant
9011D teach pendant, supports array and group functions, easily cope with mold deviation and deviation of tip replacement, can support multiple processing modes such as single-step operation, integral processing, simulated operation, and cyclic automatic processing.

Model		QUICK ET9H383
Number of controllable axis		3
Power consumption		200W
Heating controller power consumption		1500W
Movement range	X/Y Axis	300mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		300x300mm
Size（L*W*H）		480x530x670mm（Without heating controller）
Weight		45kg（Without heating controller）

Options

Film rolling device

Titanium head/molybdenum head conversion assembly

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range:：300*300mm
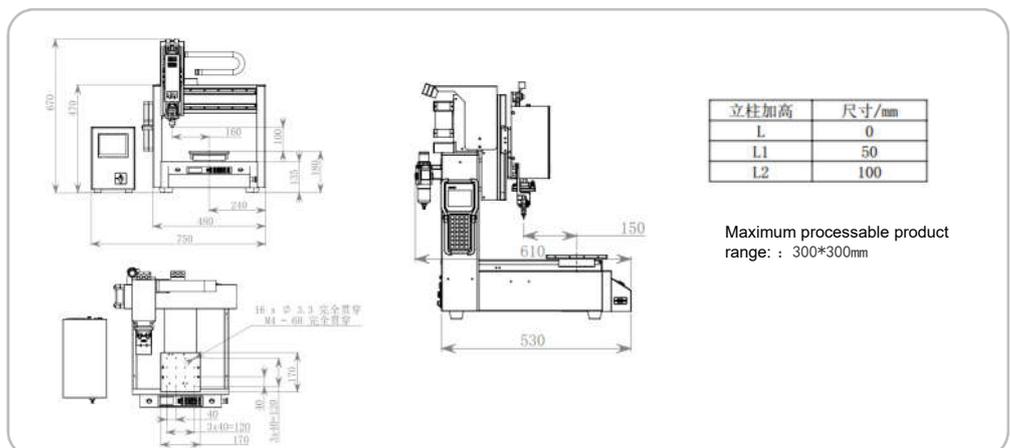
QUICK®

Desktop Hotbar Robot
QUICK ET9H583YA

Features

Motion platform
Y axis controlled by closed-loop motor, with strong load capacity and accurate speed control. double-rail for X/Y axis, precise moving, multiple groups of soldering process parameters selectable, can read parameters through MES and can be started with both hands (single or two hands optional), which is safe and reliable.

Heating controller
Intelligent temperature control system, accurate and stable temperature, closed-loop temperature control.RS485 communication function which can communication with PC/PLC. alarm of abnormal temperature available.

Pressure assembly
Closed-loop pressure control, with abnormal pressure alarm.

Teach pendant
9011D teach pendant, supports array and group functions, easily cope with mold deviation and deviation of tip replacement, can support multiple processing modes such as single-step operation, integral processing, simulated operation, and cyclic automatic processing.

Model		QUICK ET9H583YA
Number of controllable axis		3
Power consumption		250W
Heating controller power consumption		1500W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		250x400mm（Single platform）
Size（L*W*H）		480x530x670mm（Without heating controller）
Weight		65kg（Without heating controller）

Options

Film rolling device

Titanium head/molybdenum head conversion assembly

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range: 250*400mm

Desktop Hotbar Robot

QUICK ET9H393

Features

Motion platform

Y axis controlled by closed-loop motor, with strong load capacity and accurate speed control. double-rail for X/Y axis, precise moving. multiple groups of soldering process parameters selectable, can read parameters through MES and can be started with both hands (single or two hands optional), which is safe and reliable.

Heating controller

Intelligent temperature control system, accurate and stable temperature, closed-loop temperature control, RS485 communication function which can communication with PC/PLC, alarm of abnormal temperature available.

Pressure assembly

Closed-loop pressure control, with abnormal pressure alarm.

Teach pendant

9011D teach pendant, supports array and group functions, easily cope with mold deviation and deviation of tip replacement, can support multiple processing modes such as single-step operation, integral processing, simulated operation, and cyclic automatic processing.

Model		QUICK ET9H393
Number of controllable axis		3
Power consumption		200W
Heating controller power consumption		1500W
Movement range	X/Y Axis	300mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		300x300mm
Size（L*W*H）		480x530x670mm（Without heating controller）
Weight		65kg（Without heating controller）

Options

Film rolling device

Titanium head/molybdenum head conversion assembly

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range：：300*300㎜

Desktop Hotbar Robot
QUICK ET9H593YA

Features

Motion platform
Y axis controlled by closed-loop motor, with strong load capacity and accurate speed control. double-rail for X/Y axis, precise moving, multiple groups of soldering process parameters selectable, can read parameters through MES and can be started with both hands (single or two hands optional), which is safe and reliable.

Heating controller
Intelligent temperature control system, accurate and stable temperature, closed-loop temperature control, RS485 communication function which can communication with PC/PLC, alarm of abnormal temperature available.

Pressure assembly
Closed-loop pressure control, with abnormal pressure alarm.

Teach pendant
9011D teach pendant, supports array and group functions, easily cope with mold deviation and deviation of tip replacement, can support multiple processing modes such as single-step operation, integral processing, simulated operation, and cyclic automatic processing.
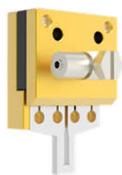
Model		QUICK ET9H593YA
Number of controllable axis		3
Power consumption		250W
Heating controller power consumption		1500W
Movement range	X/Y Axis	500mm/400mm
	Z Axis	100mm
Moving speed	X/Y Axis	0.1～600 mm/sec
	Z Axis	0.1～300 mm/sec
Repeatable accuracy	X/Y/Z Axis	± 0.02 mm
Maximum payload	Z Axis	5kg
	Platform	8kg
Operating range		250x400mm（Single platform）
Size（L*W*H）		480x530x670mm（Without heating controller）
Weight		90kg（Without heating controller）

Options

Film rolling device

Titanium head/molybdenum head conversion assembly

Size

立柱加高	尺寸/mm
L	0
L1	50
L2	100

Maximum processable product range：250*400mm
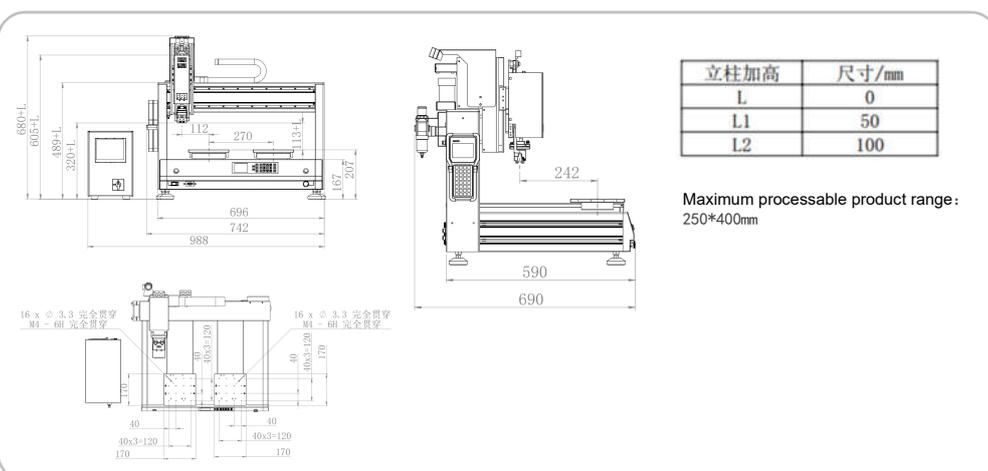
Biall Sp. z o. o. Official distributor