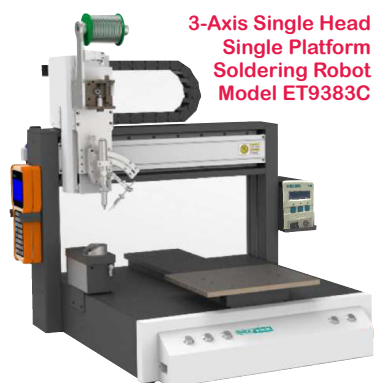


SNo.	Customer's Name & City	Qty	SNo.	Customer's Name & City	Qty
1	Amphenol, Chennai	10	16	Nokia, Chennai	2
2	Bharat FIH Limited, Kancheepuram	4	17	Prama Hikvision India Pvt. Ltd., Pune	9
3	Danlaw Electronics Assembly Ltd., Goa	2	18	Precision Electronics, Hyderabad	1
4	Flash, Pune	1	19	Reanu Micro Electronics Pvt. Ltd., Pune	1
5	Flexi Efficads Pvt. Ltd., Bangalore	1	20	Rising Stars Mobile (I) Pvt. Ltd., Kancheepuram	5
6	IHD Industries Pvt. Ltd.	1	21	Sahyadri Udyog, Pune	1
7	Intelux Electronics Pvt. Ltd., Pune	1	22	Schneider Electric India Pvt. Ltd., Bangalore	1
8	Interface, Gurgaon	1	23	Shakti Pumps (I) Ltd., Pithampur	1
9	Kostal India Pvt. Ltd., Vellore	10	24	Siddharth One, Mumbai	1
10	Mag Power, Pune	1	25	Sritech Electronics, Bangalore	1
11	Minda Stoneridge, Pune (in repeat orders)	12	26	Sumitron Exports Pvt. Ltd., Delhi	7
12	Mindarika, Gurgaon	1	27	Swaran Enterprises, Gurgaon	1
13	MUP Electronics Nashik	1	28	Tymtix, Bangalore	1
14	Nidec, Neemrana (Japanese MNC)	40	29	Vijay Electricals, Ahmednagar	1
15	Nidec Industrial Automation Hubli	2	30	Vishal Engineering Company, Pune	3



**3-Axis Single Head
Single Platform
Soldering Robot
Model ET9383C**



**4-Axis Single Head
Single Platform
Soldering Robot
Model ET9384C**



**3-Axis Dual Head
Single Platform
Soldering Robot
Model ET9383ED**



**4-Axis Single Head
Dual Platform
Soldering Robot
ET9584EYA-BB1**

[Video link of Soldering Robotic Machine](#)

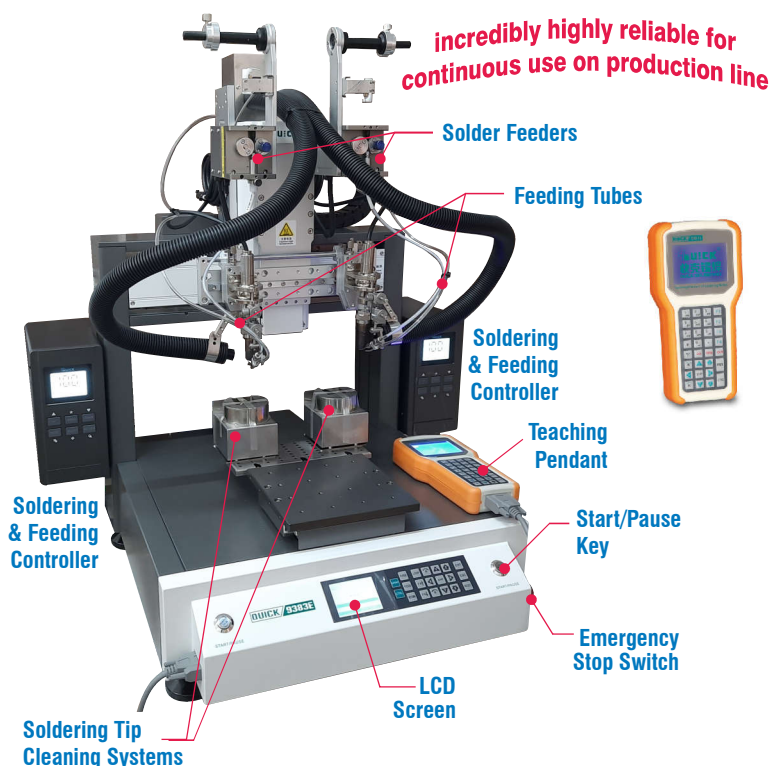
**Single Axis
Soldering Robot
Model ET9181**



We supply incredibly high reliability proven (customers are using for more than 12 years now) robotics solutions for different soldering applications, with support and spare parts back-up

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Dual Soldering Heads provide parallel soldering on 2 contacts at same time



Features

Motion Platform

E-Series Soldering Platform is of high speed & high accuracy with low noise, closed-loop control of Y-axis, no lost steps, strong load capacity, easy maintenance, rich I/O interfaces, support MES to read local data and expand operation use, two-hand start (optional), ESD safe

Heating Controller

QUICK378FA Heating Controller uses high frequency eddy current heating for stable and reliable temperature, fast thermal recovery, RS-485 interface for real-time monitoring and to set parameters like temperature, solder feeding etc, alarm for abnormal temperature and solder shortage etc.

Soldering Pencil

QUICK9018M Soldering Pencil has front temperature sensor for quick sensing of solder joint temperature fluctuation and rapid thermal recovery.

Solder Feeder

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

Teaching Pendant

QUICK9011D Teaching 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

Scope of Supply:

- 3-Axis Dual Head Soldering Robot
- Hand-held Teaching Pendant
- Soldering & Wire Feeding Controller
- Soldering & Wire Feeding Head
- 911G Series Soldering Tip
- Soldering Tip Cleaning System

Specifications		Model: ET9383ED-BB1	Model: ET9483ED-BB1
Input Supply		100-240V AC, 50 Hz	100-240V AC, 50 Hz
Heating Controller Power		200W	200W
Power Consumption		700W	700W
Temperature Range		50 ~ 500°C	50 ~ 500°C
Number of Axis		3	3
Movement Range	X & Y	300mm	400mm
	Z	100mm	100mm
Moving Speed	X & Y	0.1 ~ 800mm/sec	0.1 ~ 800mm/sec
	Z	0.1 ~ 300mm/sec	0.1 ~ 300mm/sec
Repeat Accuracy	X, Y & Z	±0.01mm	±0.01mm
Operating Range		300 x 240mm	400 x 340mm
Maximum Payload	Z-Axis	5 kg	5 kg
	Platform	8 kg	8 kg
Dimensions (WxDxH)		690 x 615 x 765 mm	790 x 715 x 765 mm
Weight		40 kg	45 kg

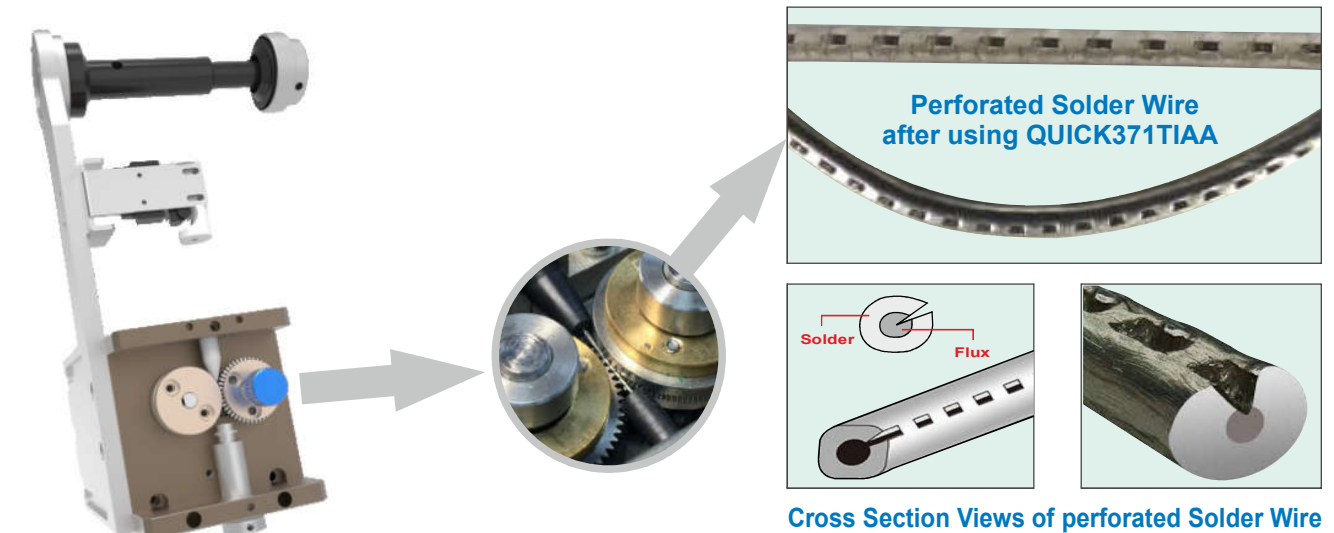
Warranty is 12 months from the date of invoice. It excludes all consumable parts as Heating Elements, Temperature Sensors, Soldering Tips, Cleaning Sponges etc., and any sort of mechanically damaged parts. While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

on-site services can be provided at extra charges if pre-paid by customer in advance

avoids solder balls formation during soldering

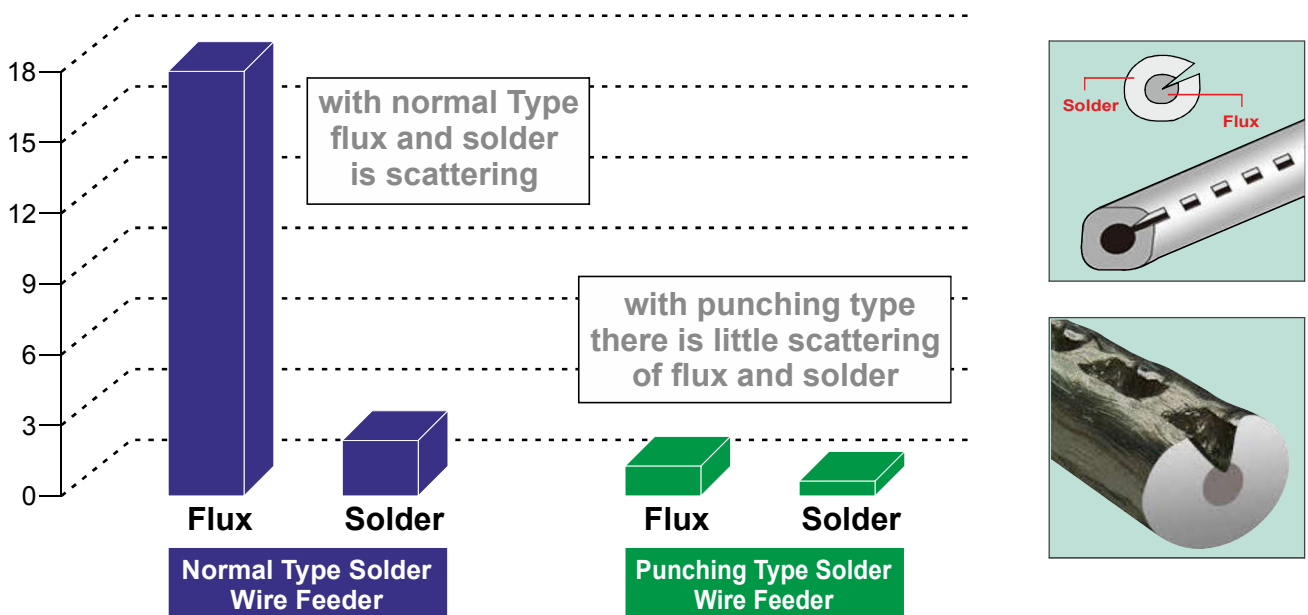
Selection of Solder Wire Feeder is also critical and important to avoid Solder Balls formation and splashing of solder and flux during Soldering

Latest Technology Punching/Perforated Type We recommend latest technology Punching type Soldering Wire Feeder for Robotic Soldering which punches holes in soldering wires at regular interval and allows better Flux flow and out-gassing during the soldering process which avoids SOLDER FLUX SPLASHES and avoids formation of Soldering Balls during soldering



Various examples of solder ball formation during soldering with normal type Feeding Unit

Graphical representation of micro Solder Balls and Flux Scattering



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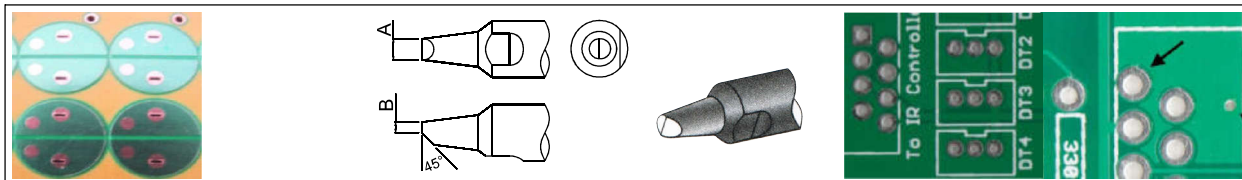
on-site services can be provided at extra charges if pre-paid by customer in advance

Customized Soldering Robot Tips are possible to meet specific requirements

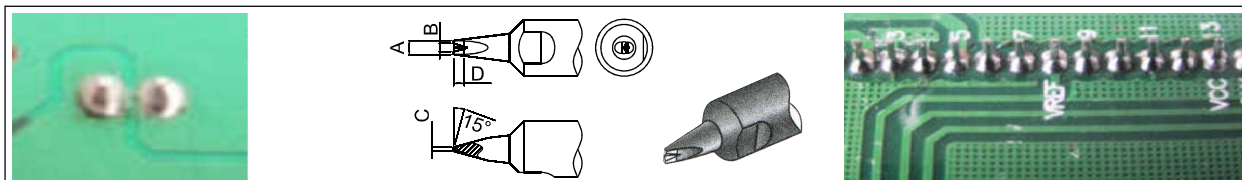
Why selection of correct Soldering Tip is critical and important to ensure quality of each Soldering Joint and also to achieve practically zero rejection for Solder Joints

Soldering Tip selection plays an important role to optimize soldering quality. That is why it is necessary to select the most suitable Soldering Tip. Below are few illustrations for selection of Soldering Tips for different applications.

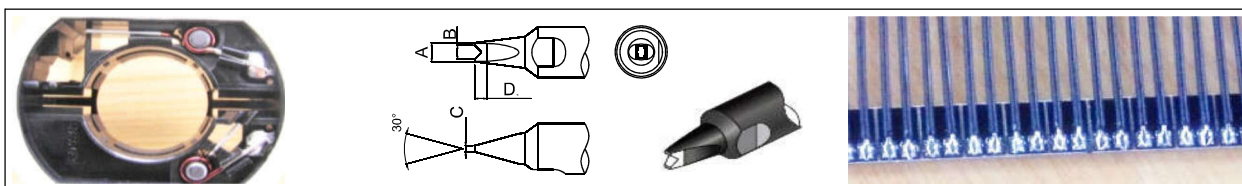
PC type of Soldering Tip is recommended for large pads



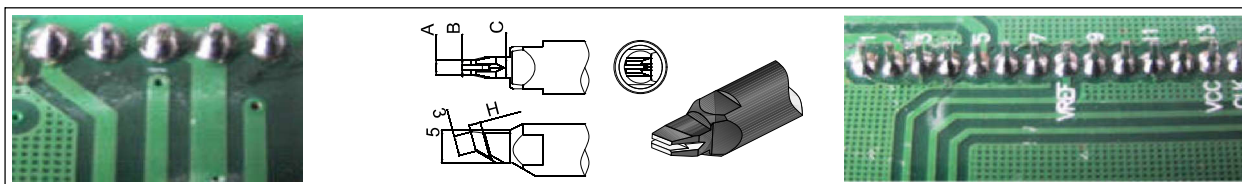
DV1 type of Soldering Tip is recommended for thru hole leads & connector/LCD pins



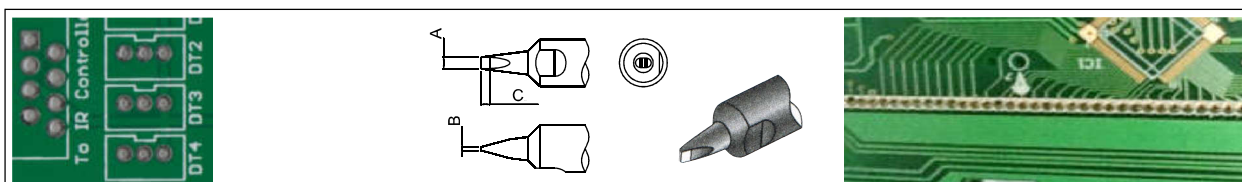
DV2 type of Soldering Tip is recommended for wire harnessing



N type of Soldering Tip is recommended for drag soldering of row of connectors



D type of Soldering Tip is recommended for line and point soldering on PCBs



We will be able to help you to select correct Soldering Tip, for that we need following from you:

- Photo/s of your Jobs on which you want to solder
- Photo/s of your components which you want to solder

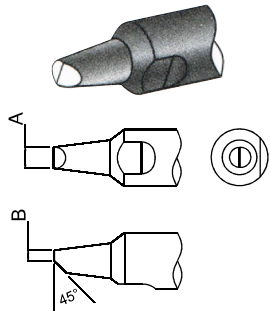
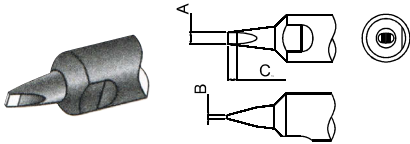
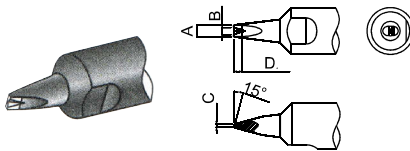
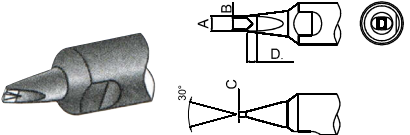
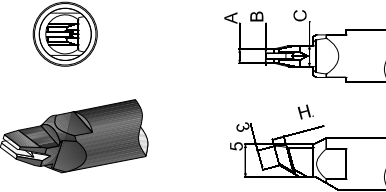
Please either email these at romesh1947@gmail.com or Whatsapp on Cell: 9316134502

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Customized Soldering Robot Tips are possible to meet specific requirements

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

Types	Part Number	Size (A)	Size (B)	Size (C)	Size (D)
Sloped Type 	*** -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		
Chisel Type 	*** -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	
V-Notch Type 	*** -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
V-Notch Type 	*** -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
N Type 	*** -22N08H18	2.2mm	0.8mm	3.2mm	1.8mm
	*** -28N08H15	2.8mm	0.8mm	3.6mm	1.5mm
	*** -30N10H20	3.0mm	1.0mm	4.0mm	2.0mm
	*** -32N12H23	3.2mm	1.2mm	4.0mm	2.3mm
	*** -32N12H28	3.2mm	1.2mm	4.0mm	2.8mm

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