

I.C.T LED Automatic Soldering Robot LSR500

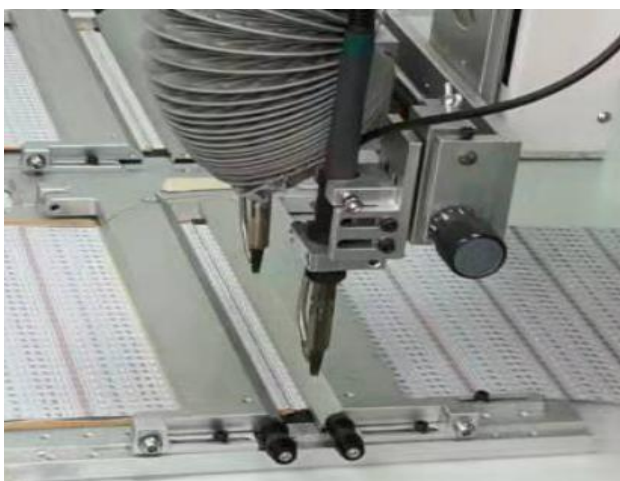


Introduce:

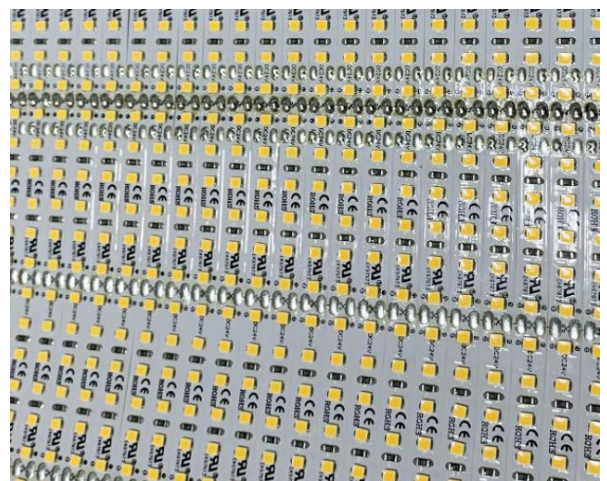
I.C.T led strip soldering robot is a soldering robot with soldering wire feeding motion system. high frequency heating system with rapid heat recovery, soldering tip is easy to be exchanged with low cost .

Features:

1. Cost saving: High-efficiency operation is achieved by only one person. one person's efficiency amounts to 3-5 persons' efficiency.
2. X axis adopt quality step motor with its control system, make machine run smoothly and precisely .
3. Touchscreen with wireless controller and teach method for programming ,working very easy .
4. Break tin solder wire feeding system can pierce holes when feeding solder wire ,it can reduce burst tin that causes flux remaining on PCB when soldering under high temperature to improve the soldering quality .solder wire feeding accuracy can reach 0.1mm.
5. High frequency induction heating system has rapid temperature recovery time , heating element adopt silver coil which can ensure long lifetime . soldering tip can be easily changed with lower cost .
6. Optional smoke exhaust can provide a very clean work environment
7. Various soldering tips can meet different process requirement. customized soldering tips is also available.
8. One worker can operate 2-3 robots. what this worker does is only pick and place fixture.
9. Robot is strictly customized based on requirements on products and soldering, in line with requirements of production line.
10. Fixture universal design to improve universality.



Single and double platform options, can soldering parts in different positions to ensure the best soldering results.



Special structural design ensures good supply of tin wire, no broken wire, stuck and other problems.



Flexible operation, Double soldering head to improve efficiency
, fast switching between different products.

Led universal fixture(Single or double), corresponding to different
LED sizes.

Photo:



Specification:

Model	I.C.T-LSR500
Platform Number	1
Head Number	2
Heating Power	150w*2
Max. LED PCB Size(mm)	500W*L(Single fixture), 250W*L(Double fixture),
Max Move Speed	X axis:600-800mm/s. Z axis:400 mm/s.
Solder Wire	Φ 0.6~1.2mm solder wire
Solder Feeding Speed	1~50mm/s
Repeate Accuracy	±0.02mm
Temperature Range	0-550C°

Temperature Accuracy	±3°
Driving Mode	Step Motor
Control Mode	Teaching box
Air Pressure	4.5~6Kg/cm2
Power Supply	AC:220±10%,50/60HZ
Dimension(mm)	680*660*770
Weight	Approx:60kg

* The data is obtained under ambient temperature of 25 °C and humidity of 60%

Standard Accessories:

1	Led Fixture	1 set
2	Soldering Tip	5 pcs
3	Fuse	1 pcs
4	Relay	2 pcs
5	Manual	1 book

* I.C.T keeps working on quality and performance,specifications and appearance may be updated without particular notice.

Thanks for choosing I.C.T.
I.C.T looks forward to win-win cooperation.