

# UV LED Light Curing System



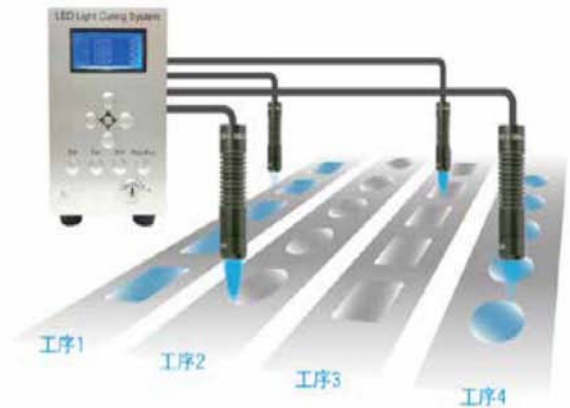
One of the biggest benefits of using the LED technology is that the light source life is much longer than lamps used in lamp type UV systems. The life of the lamp type is approx. 3,000hours, but the LED has approx. 20,000 hours. Furthermore, unlike the lamp type, which needs to be kept turned on through out the operation, the LED can turn on instantly only when it is needed.

When the irradiation ON/OFF time ratio is 1:4 (process cycle time =5, irradiation time=1), the LED operation life is equivalent to approx. 100,000 hours compared to lamp types, leading to significant reductions in running costs and hours for maintenance.

## Four individually controllable heads

The irradiation power and time can be individually controlled.

The irradiation power, time, and timing of the LED heads can be individually controlled. With the lamp type model, one process requires one irradiation unit. With UPS81, one unit can be used for up to four processes due to its four individually-controllable LED heads. It will also show a notice if any of the LED head reaches time to replace or when there is a temperature warning on one of the heads.



Our equipment production facility in Huizhou, we have standard platform and support also customized platform with various options.

# Auto Glue Dispensing Machine

Model	LUT-AD200/300
Operating Voltage	110V/220V
Drive Mode	Stepper Motor
Soldering Temperature Range	50°C ~550°C
Axis	3
Dispenser	1
Operating Range (X Y Z) Dual Y travel (Option) R-Axis (Option)	200mm x 200mm x 80mm Y1 & Y2
Speed Range (X,Y Axis) Z-Axis R-Axis (Option)	0.1~600mm/sec 0.1~400mm/sec 0.1~600mm/sec
Repeatability Accuracy Minimum Accuracy	+/- 0.02mm (X Y Z) 0.01mm (X Y Z)
Maximum Load Weight	8 Kgs
Program Capacity	Max. 255 programs
Operating Temperature	10°C ~40°C
Operating Humidity	20~90%
Ext. Dimensions	300 x 350 x 600mm
Weight	About 30kgs



Model	LUT-AD400 DUAL HEAD
Operating Voltage	110V/220V
Drive Mode	Stepper Motor
Soldering Temperature Range	50°C ~550°C
Axis	3
Dispenser	2
Operating Range (X Y Z) Dual Y travel (Option) R-Axis (Option)	500mm x 400mm x 80mm Y1 & Y2
Speed Range (X,Y Axis) Z-Axis R-Axis (Option)	0.1~600mm/sec 0.1~400mm/sec 0.1~600mm/sec
Repeatability Accuracy Minimum Accuracy	+/- 0.02mm (X Y Z) 0.01mm (X Y Z)
Maximum Load Weight	8 Kgs
Program Capacity	Max. 255 programs
Operating Temperature	10°C ~40°C
Operating Humidity	20~90%
Ext. Dimensions Weight	400 x 450 x 600mm About 50kgs



# Auto Soldering Machine

Soldering Robot provides the best solution for soldering job on lead-free, heat dissipating PCB, and high thermal capacity components. It is suitable for all sorts of difficult soldering tasks and micro soldering process. It effectively improves the soldering quality and consistency. Besides, it saves 30% of the solder consumption comparing to manual soldering.



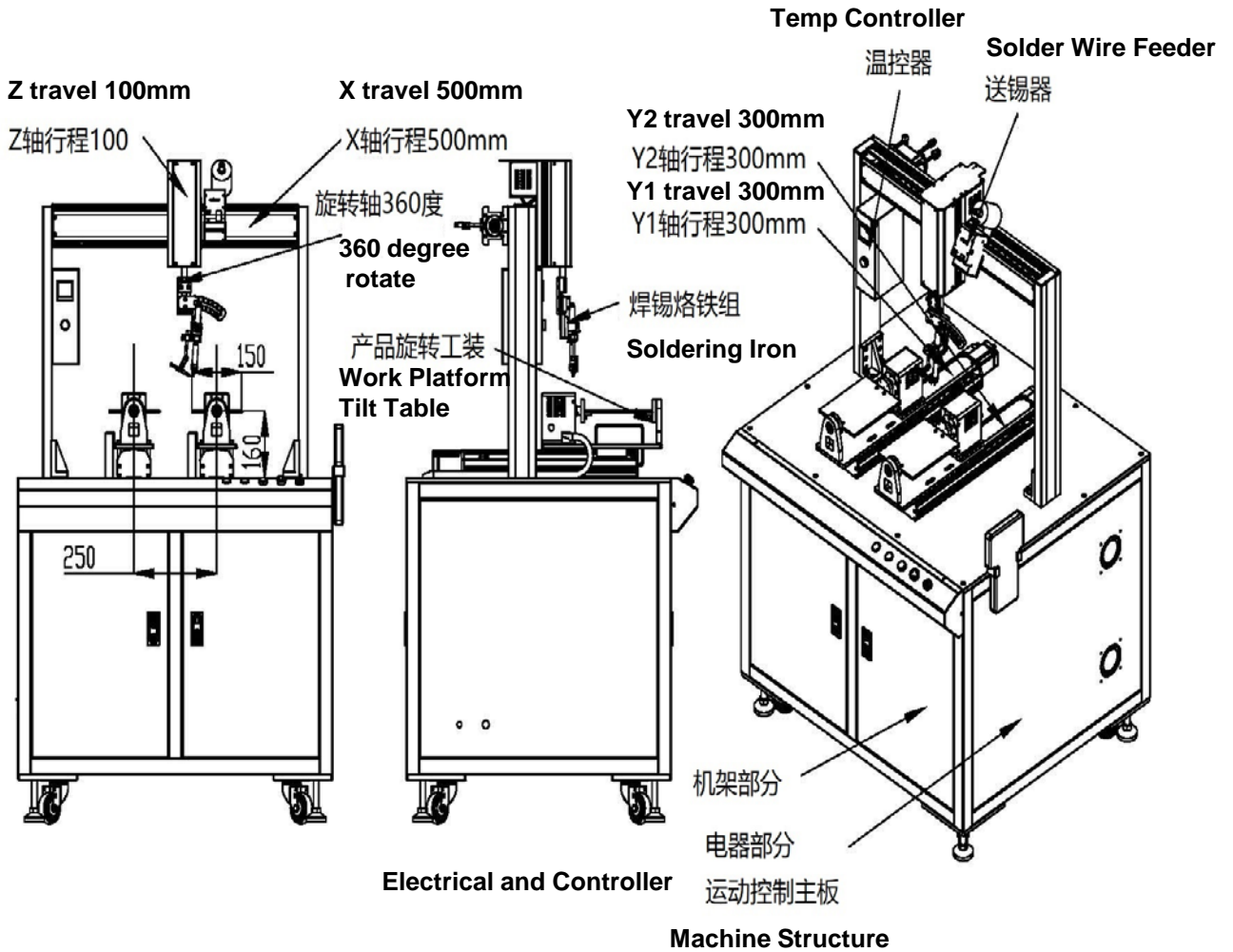
Model	LUT-AS400/500/600/DY
Operating Voltage	110V/220V
Heating Power	150 - 300W
Soldering Temperature Range	50°C ~550°C
Axis	5
Soldering Iron	1
Operating Range (X Y Z) Dual Y travel R-Axis	500mm x 400mm x 100mm Y1 & Y2 +/- 180°
Speed Range (X,Y Axis) Z-Axis R-Axis	0.1~600mm/sec 0.1~400mm/sec 0.1~600mm/sec
Repeatability Accuracy Minimum Accuracy	+/- 0.02mm (X Y Z) 0.01mm (X Y Z)
Maximum Load Weight	8 Kgs
Program Capacity	Max. 255 programs
Solder Wire Diameter	0.5, 0.6, 0.8, 1.0, 1.2 (mm)
Operating Temperature	0°C ~40°C
Operating Humidity	20~90%
Ext. Dimensions Weight	870 x 700 x 870mm About 90kgs

Model	LUT-AS400/500/600
Operating Voltage	110V/220V
Heating Power	150 - 300W
Soldering Temperature Range	50°C ~550°C
Axis	4
Soldering Iron	1
Operating Range (X Y Z) Dual Y travel R-Axis	500mm x 400mm x 100mm Y1 & Y2 +/- 180°
Speed Range (X,Y Axis) Z-Axis R-Axis	0.1~600mm/sec 0.1~400mm/sec 0.1~600mm/sec
Repeatability Accuracy Minimum Accuracy	+/- 0.02mm (X Y Z) 0.01mm (X Y Z)
Maximum Load Weight	8 Kgs
Program Capacity	Max. 255 programs
Solder Wire Diameter	0.5, 0.6, 0.8, 1.0, 1.2 (mm)
Operating Temperature	0°C ~40°C
Operating Humidity	20~90%
Ext. Dimensions Weight	720 x 700 x 800mm About 65kgs



# Multi-Axis Auto Soldering Machine

## Dual Tables with Turn-Table



# Auto Screw Fastening Machine

Screw Fastening Robot greatly improves the work efficiency and the screw fastening consistency & reliability. With the advanced Teaching Pendant, operators can set up by themselves all the process parameters such as the screw coordinate and screw types. It can adapt to all sorts of difficult screw fastening process and achieve the complete automation.

Model	LUT-AF200/300/400/DY
Operating Voltage	110V/220V
Drive Mode	Stepper Motor
Soldering Temperature Range	50°C ~550°C
Axis	4
Screw Driver	1 or 2
Operating Range (X Y Z) Dual Y travel (Option) R-Axis (Option)	500mm x 300mm x 100mm Y1 & Y2
Speed Range (X,Y Axis) Z-Axis R-Axis (Option)	0.1~600mm/sec 0.1~400mm/sec 0.1~600mm/sec
Repeatability Accuracy Minimum Accuracy	+/- 0.02mm (X Y Z) 0.01mm (X Y Z)
Maximum Load Weight	8 Kgs
Program Capacity	Max. 255 programs
Operating Temperature	10°C ~40°C
Operating Humidity	20~90%
Ext. Dimensions	800 x 620 x 700mm
Weight	About 90kgs





