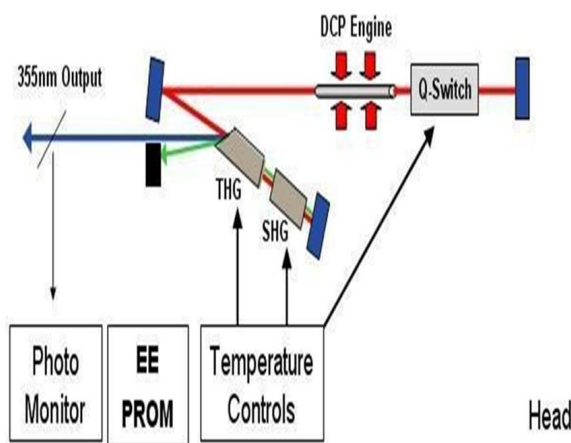


PCBA Offline Laser Cutting Machine LC-350



Features:

1. After cutting, the edge is neat and smooth without burr and dust/particle residue.
2. High precision of cutting profile, especially for fine arc cutting.
3. The thermal impact on the cutting workpiece is small, which will not cause any delamination on the cutting workpiece, and effectively reduce the molding failure rate.
4. Composite workpieces of various materials and different thickness combinations can be cut at one time.
5. The laser head can automatically adjust the height, which is convenient for processing double-sided PCB and FPC.
6. There will be no contact, no mechanical stress, and deformation during machining.
7. The linear motor platform has the advantages of high speed, high precision, low wear, simple maintenance and low maintenance cost.
8. The fixture installation and positioning holes are reserved on the linear motor platform, which can fix the fixture according to the needs, so as to facilitate the processing of PCB and FPC.
9. The vacuum adsorption platform can be positioned without any fixture.
10. Any complex graphics can be processed at one time, greatly reducing the delivery cycle.
11. A complete set of imported image positioning system, to meet the needs of high precision.
12. The imported power measurement platform can detect the laser power at any time to ensure the processing quality.
13. Fully sealed laser light path ensures the safety, stability and reliability of laser processing.

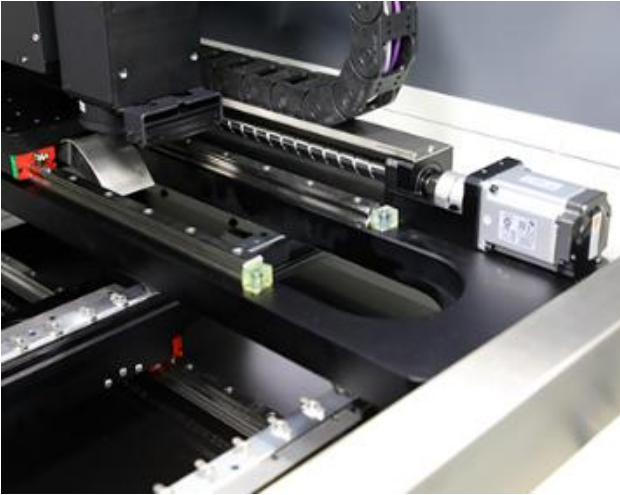


America OPTO-WAVE laser generator

Processing-On-The-Fly Software
for the RTC[®] 3, RTC[®] 4 and RTC[®] SCANalone boards



Germany SCANLAB



Japanese drive and motion system

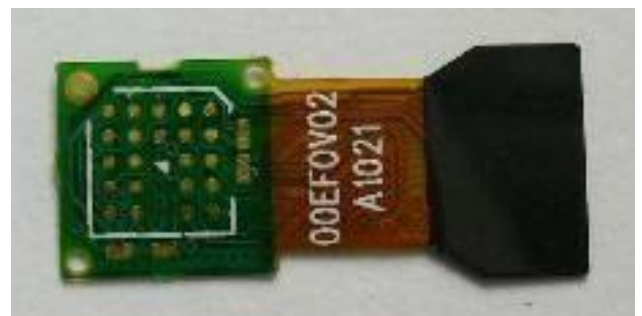
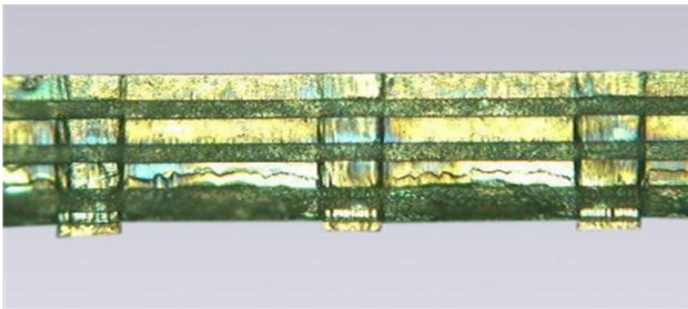
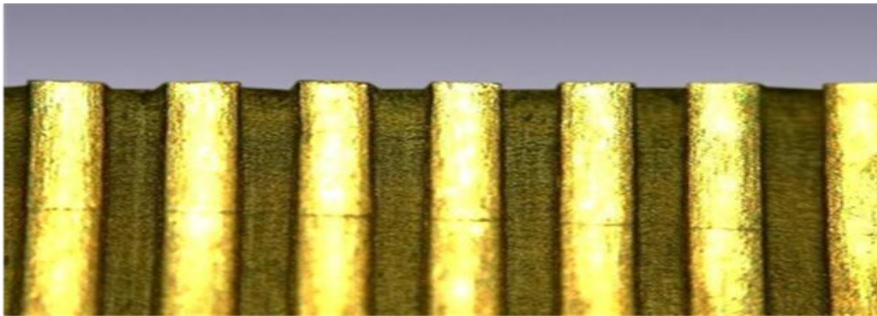
THK is the largest supplier of precision linear motion guides, ball splines, ball screws, crossed roller collars, actuators and more.



Granite Platform and Frame

The rock platform has the advantages of no rust, acid and alkali resistance, wear resistance, no magnetization, no deformation and so on.

Cutting Effect:



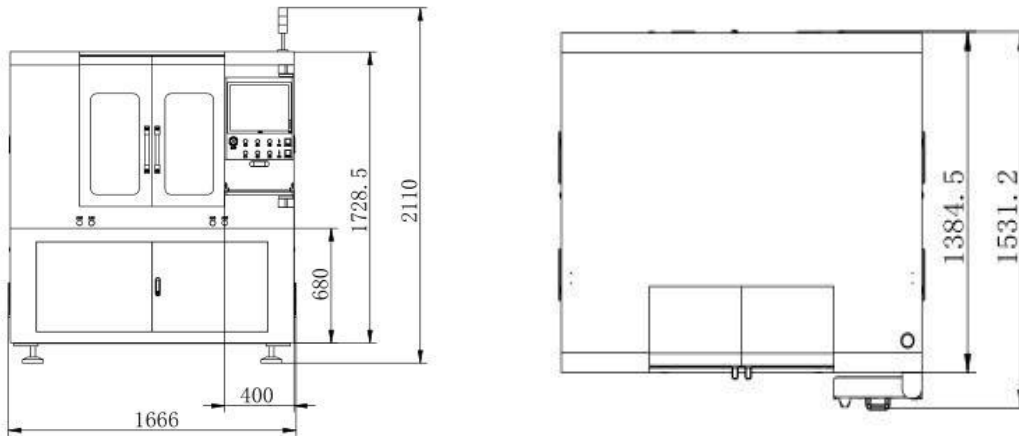
Material List:

No.	Item	Brand	Original
1	Laser transmitter	OPTO-WAVE 35W	America
2	Galvanometer system	SCANLAB	Germany
3	F-0 mirror	Wavelength-Tech	Singapore
4	CCD Camera	COGNEX/HIKVISION	America/China
5	Software	I.C.T	China
6	Platform	THK	Japan

Specification:

Item	I.C.T-LC350
Laser Type	Green laser
Laser Power	Green laser:35W
Laser Z-axis Lifting	Automatic
Platform Size	<L450mm * W350mm
PCB Thickness	<2.0mm
Max.Cutting Speed	40mm/s
Cutting Precision	±0.02mm
Minimum Cutting line Width	20um
Position System	CCD
Operation Mode	Laser XY Movement
Power	AC220V/50Hz, Total power: 3.5KW
Air Pressure	0.5~0.6Mpa
Body Size	L1600 *W1500 *H1800 mm
Weight	1100Kg

Dimensions:



* 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.
Thank you.