

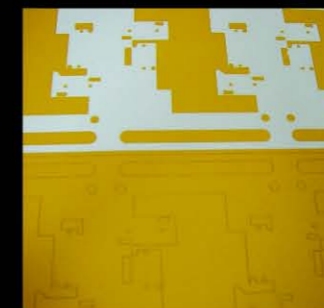
UV Laser Cutter

LPC-DT600

LPC-DT600 laser cutting system was designed for FPCB cutting, glass marking, Sapphire scribing and so on.
This system consists of a UV laser, a scanner, a X-Y-Z stage and a vision.
The Gerber, DXF, and PLT file made in AutoCad can be applied to L&P code which is the processing software.

High Quality & Precision Laser Cutting System

It's Laser & Physics



Cover-layer Cutting



FPCB Body Cutting & Hole Drilling



Si Wafer Cutting & Drilling



Sapphire Wafer Marking & Scribing

**NEXT GENERATION
CUTTING TECHNOLOGY**



SPECIFICATIONS

Laser type	DPSS Nd:YAG
Wavelength	355nm
Pulse repetition rate	Single ~ 70kHz
Power	> 10W
Output stability	< 2% rms
Warm-up time	< 10min.
Spot size	25 μ m
Cooling	Water + Air
Dimension	1500mm(W) x 1550mm(H) x 1300mm(D)
Electricity	220V, 3PH
Weight	< 1500kg
PC	Pentium 4
Monitor	LCD
OS	Windows
Vision	CCD Camera(1024x768), FOV: 4 x 3 mm
S/W	User Friendly Software, Applicable File Format: Gerber, *.dxf, *.plt etc.
X-Y, Z Stage	Stroke 600mm x 600mm(X-Y), 100mm(Z)
	Repeatability $\pm 2 \mu$ m
Scan Head with Automatic Self-Calibration	Offset drift 20 μ rad
	Gain drift 5ppm/K
	Long-term drift over 8hr < 20 μ rad

LPC-DT600