

One Axis MOPA Fiber Laser Integrated Laser Cleaner / Thin Layer Peeling System

We will provide high precision / low cost / Customized system.



	AkiTech LEO TLC-V2	AkiTech LEO TLC Series	
Laser Average Power (W)	10 / 20 / 30 / 50	20	50
Center Wavelength (nm)	1064		
Laser	Yb:Fiber MOPA		
Laser Beam Quality (M^2)	1.5		
Depth of focus (DOF)	2000 μ m (DC option)	520 μ m	
Repetition Rate (kHz)	40~1000 (depends on system) (5KHz/Step)	40~800 (5KHz/Step)	70~1000 (5KHz/Step)
Selectable Pules width (ns)	25,50,75,100,125,150,175,200,225,250		
Peak Power (kW)	25		
Galvo Scan Speed (mm/s)	<10,000 (10-100% Selectableby10%Step)		
Focal Length (mm)	F=50~450		
Line Scan Length (mm)	50~300(will change the length depends on F θ Lens)		
Scan length ratio selection	10~100% (10% Step) possible for the full range		
Setting	Set by hard mode switch		
PC and Software	No Necessary (Stand-alone system)		
Power Consumption	100~220VAC(50/60Hz), 24VDC Option, UPS Option		
Cooling	Air Cooling		
Safety	Laser Interlock · Laser on Trigger · EMO		

■ System Line-Up

4 Models (10W / 20W / 30W / 50W)

■ Flexible Beam quality · Abundant beam scan area

$M^2 < 1.5$ (TEM00) or Lower

■ Completely Stand-Alone system / Flee P/S

It can be driven even in places without AC power supply with 3 power supply system (AC/DC/UPS).

■ Quick Start System

Short warm up time by high performance design
You can use it immediately without long warm-up.

■ Integrated Single emitter Laser Diode

Long lifetime & maintenance free

■ Ultra Compact design system

Specialized design brings the hand-held ultra-compact

■ Possibility supply many options

Red Pointer, Dust Collector, UPS, DC P/S, etc.

■ Supports various applications

- * Metal surface rust, surface precision polishing
(deposition of oxide layer such as bearings)
- * Peeling paint without damaging the base material
(exterior wall of house, car, aircraft, mold removal, etc.)
- * Removal of salt water damage by Typhoon such as
isolator of Electrical power Cables and systems.
- * Peeling of organic solvents in composite materials such
as touch panels

