

LASER X



High Power COS Tester

Product Features

- Fully enclosed design, the test ambient temperature -10-100°C adjustable
- Support LIV, PER, optical spectrum, and far-field test
- Support pump and industrial laser COS
- Test fixture shared with burn in machine

Performance Parameter

Class	Project	Metric	
Power features	Operation mode	CW and Pulse output	
	Current range	0~6A	0~40A
	Voltage range	0~5V	0~6V
	Current accuracy	0.1%+10mA	0.1%+50mA
	Current resolution	1mA	10mA
Optical power measurement	Range	0~3W	0~3W/0~30W
	Accuracy	< 1%	< 3%
Spectrum measurement	Range	800~1700nm	800~1000nm
	Accuracy	< 0.2nm	< 0.5nm
Far field measurement	Scan range	±45°	
	Scan accuracy	±0.1°	
Polarized extinction ratio	Scan range	360°	
	Scan accuracy	±0.1°	
Temperature	Control	By TEC	
	Range	-10~100°C (low temperature may be affected by thermal power)	
	Accuracy	0.5°C	
	Stability	0.1°C	