

SUNLITE FIBER LASER

-- ISUN-12G

500W | 1000W | 1500W



About SUNLITE

Production & QC

ISUN-12G

About SUNLITE

Jilin Sunlite Laser Technology Co., Ltd. is located in the birthplace of China's first Laser device, the Changchun city.

Sunlite Laser Tech. emphasis on developing and fabricating the core parts for Fiber Laser Products.

Over 1000 SQMs clean rooms

Independently developed and patented fiber laser products

Independent R&D team which led by researchers, senior engineers and technicians.

Yearly productivity over 1000 sets

QUALITY SERVICE INNOVATION

Production & QC



INTERNATIONAL STANDARD INSPECTION DEVICES

FIRST CLASS FIBER SPLICING EQUIPMENT AND HIGH QUALITY FIBER COATING MATERIALS.



INTERNATIONAL STANDARDS PRODUCTION MANAGEMENT

PROFESSIONAL R&D TEAM, AND SUPPORTED BY
MULTIPLE LASER SCIENCE INSTITUTES.

COZY, POSITIVE AND OPTIMISTIC
CORPORATE CULTURE

RIGOROUS QC SPIRIT

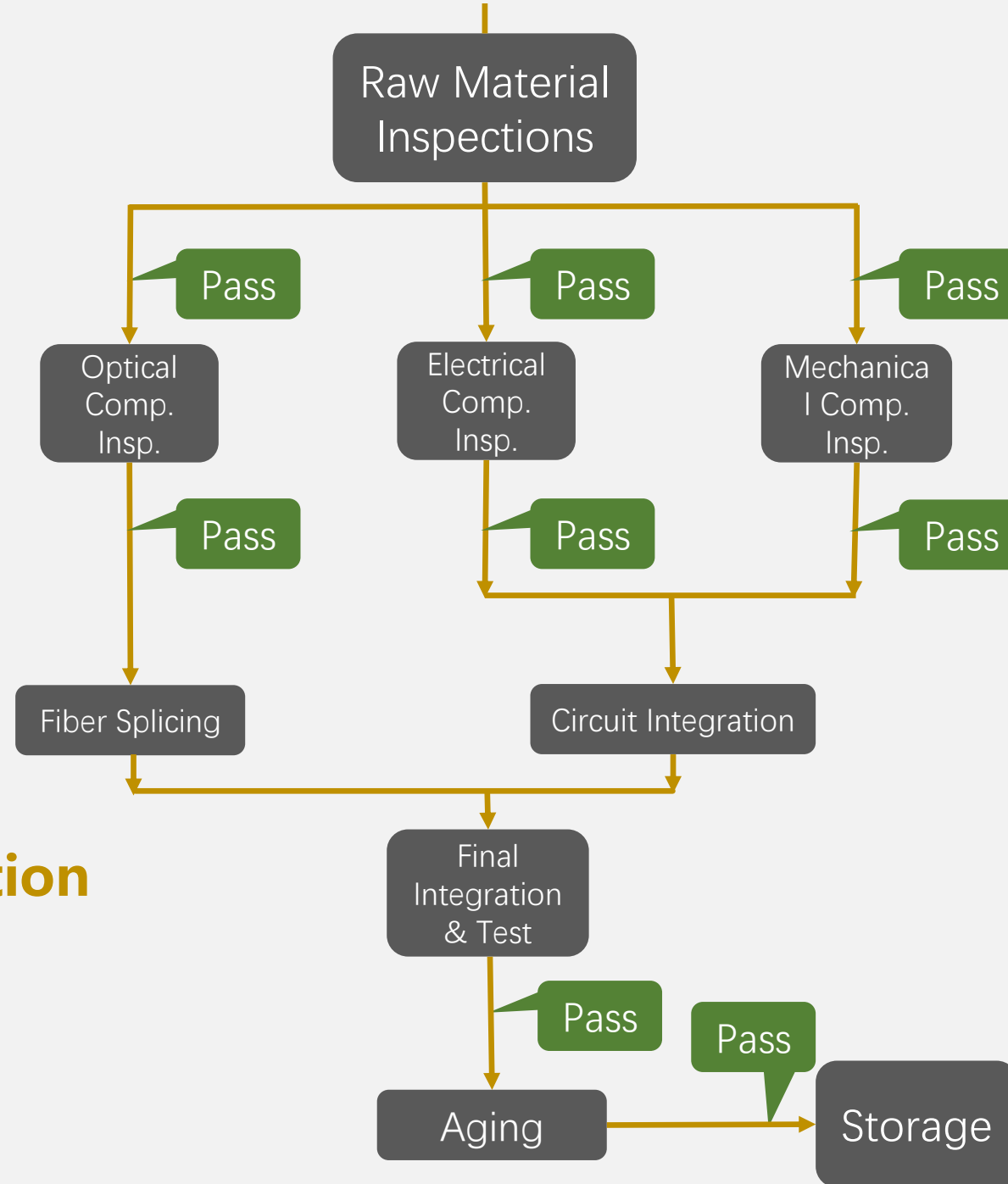
Circuit Debugging

Fiber Splicing

Aging

Laser Cutting Test

Components Inspection

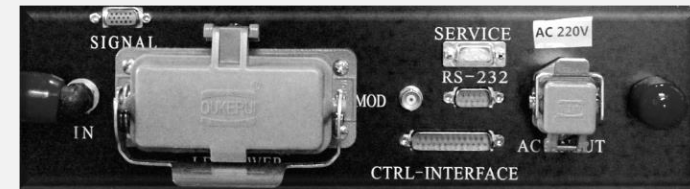


ISUN-12G

USER FRIENDLY CONTROL PANEL



HI INTEGRATION CAPABILITY: RS 232 & DB25 INTERFACES



CUSTOMIZABLE OPTICAL FIBER CABLE, EQUIPPED WITH STANDARD QBH HEAD.

15%-20% SMALLER THAN OTHER 1000W FIBER LASERS IN THE MARKET, EASY TO INSTALL

COMPLETE FIBER SYSTEM DESIGN AND RELIABLE SEALED TECHNIQUES ALLOW ISUN-12G CAPABLE OF LONG-TIME OPERATING IN DUSTY ENVIRONMENT.





FIRST CLASS SUPPLIERS FOR THE CORE COMPONENTS, SUCH AS FIBER OPTICS, SEMICONDUCTOR MODULES AND FIBER BEAM COUPLERS.

LOW POWER CONSUMPTION, 3000W!

TWO YEARS WARRANTIES AND 20,000 WORKING HOURS

THE ELECTRO-OPTICAL CONVERSION RATE IS OVER 35%

14/250 OPTICAL FIBER, HIGH BEAM QUALITY, M^2 FACTOR < 1.3

WELDING CLADDING CUTTING



CARBON
STEEL



ALUMINUM



GALVANIZED
PLATE



STAINLESS
STEEL



BRASS



MARBLE

ISUN-12G 1000W	Thickness	Speed (mm/s)	Focal Point	Air Pressure (Mpa)	Nozzle	Power	Gas
Stainless Steel	1	400	0	1.6	2.0Single	100%	Nitrogen
	5	10	4	2.4	3.0Single	100%	
	4	45	-4	0.4	1.5Double	100%	
	8	10	-4	0.08	1.0Double	100%	
Steel	1	150	-0.5	0.6	2.0Double	98%	Oxygen
	3	45	-1.5	0.1	1.0Double	98%	
	3	70	-1.5	0.6	2.0Double	98%	
	4	40	-1.5	0.1	1.0Double	98%	
	8	18	-3	0.08	2.0Double	98%	
	12	12	-3	0.1	3.0Double	98%	
Brass	1	350	0	1.2	2.0Single	100%	
	3	30	1.5	1.6	2.0Single	100%	
Aluminum	1.5	120	0	1.6	2.0Single	100%	Nitrogen
	2.5	60	2	2	2.0Single	100%	
	3	30	2	2	2.0Single	100%	
	4	10	3	2	2.0Single	100%	