

## Product Information

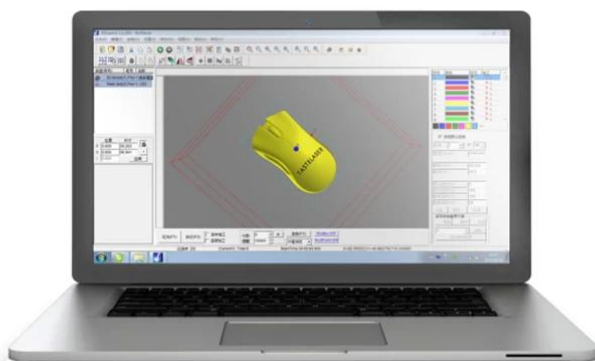
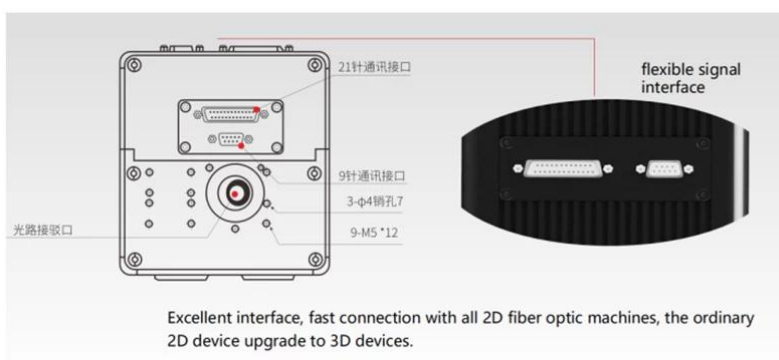
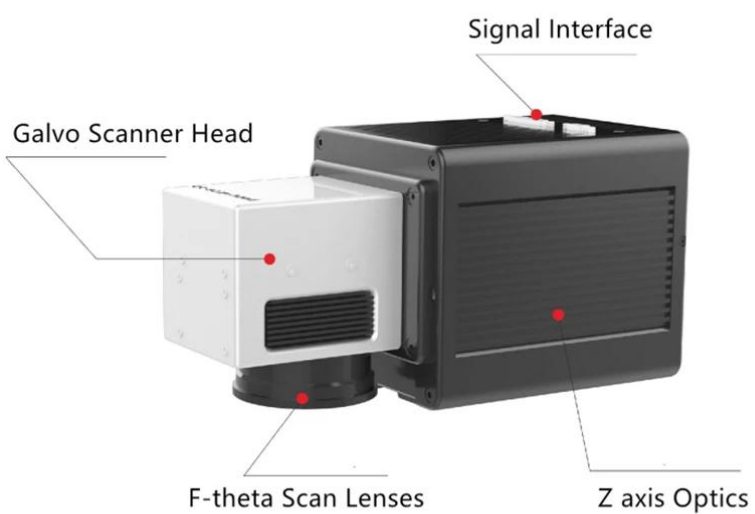
**3D Galvo Scanner Company China** Carmanhaas offer 3D scanning system includes multiple pieces of lenses, at least one movable lens will move during process, and the rest lens are used for focusing. The movable lens make the focus change to match the actual focusing length with different laser focusing location on the work place. It can ensure the laser always work with the real focus point on the work place. So it can make the focusing spot size alignment and uniformity.

### Features:

- 1.Design compatible with a number of brand galvanometer;
- 2.2D and 3D mode can be switched to reduce the heat, increase service life;
- 3.Flexible interface. Excellent interface, fast connection with all 2D fiber optic machines, the ordinary 2D device upgrade to 3D devices;
- 4.Large size field lens, the light is more uniform. With field lens design, compatible with 2D working mode, optional range from 70mm ~ 300mm field lens, spot smaller;
- 5.3D function,the series includes Z-axis dynamic focus unit, F-theta lens and 2D galvanometer system, and self-developed special control software and control board;
- 6.Internal integrated of red light, using the internal red light preview system,marking more convenient and more efficient positioning;



2D upgrade to 3D marking solution  
- front focusing mode



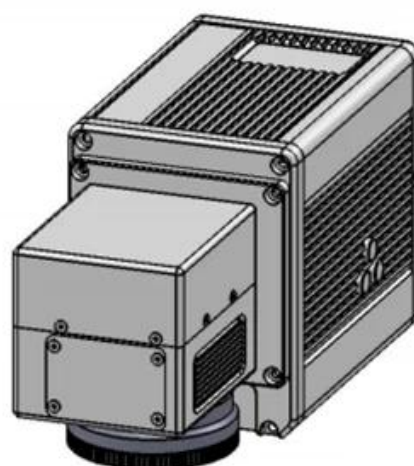
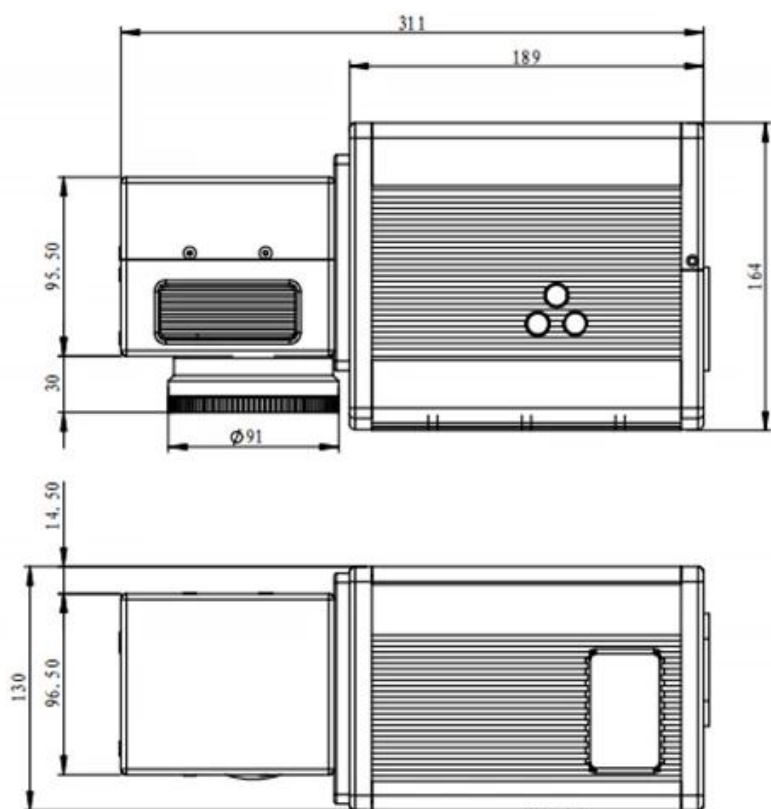
Understand more:[3D galvo scanner head for cutting supplier](#)

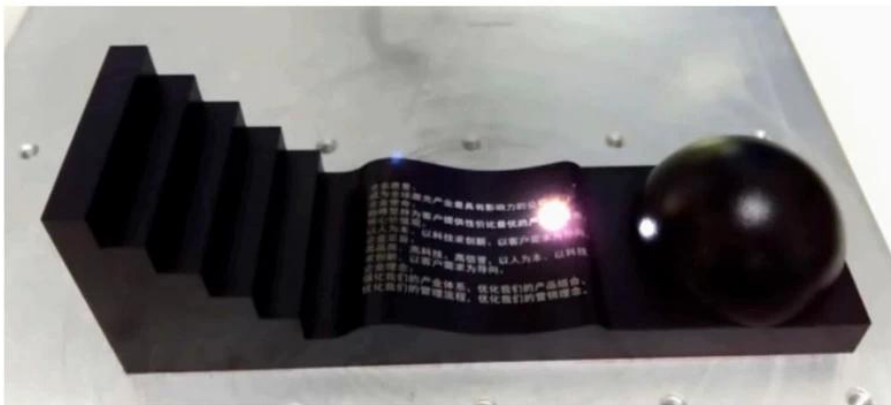
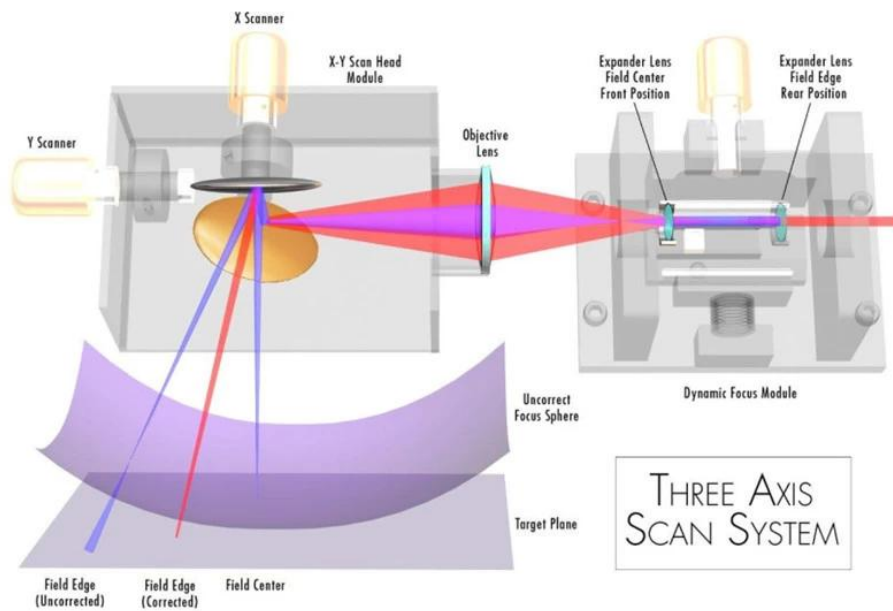
## Technical Parameters:

Technical Data		CH-10MM
Galvo	Power supply	± 15V
	Rated current	5A
	scanning angle	± 12°
	small angle time	≤0.35 us
	Repeat accuracy	8Urad
	The maximum gain drift	25PPM/K
	Temperature drift	5U Rad/°C
	Maximum beam aperture	10mm
	Wavelength	1064mm
	Coating	High-reflective
	Laser medium	Fiber
Control Card	Output Interface	XY2-100
	Input interface	USB/PCI
	Supply voltage	5V
	Rated current	2A
Others	Power	±24V
	Current	6A
	Working Temperature	+5°C □ +40°C
	Storage temperature	-5°C □ +65°C
F Theta Lens	Marking Area and Focal Length	70x70mm, F100
		110x110mm, F160
		150x150mm, F210
		175x175mm, F254
		200x200mm, F290
		220x220mm, F330
		300x300mm, F420

Mechanical Dimensions(mm)□

[3D galvo scanner head for cutting manufacturer](#)





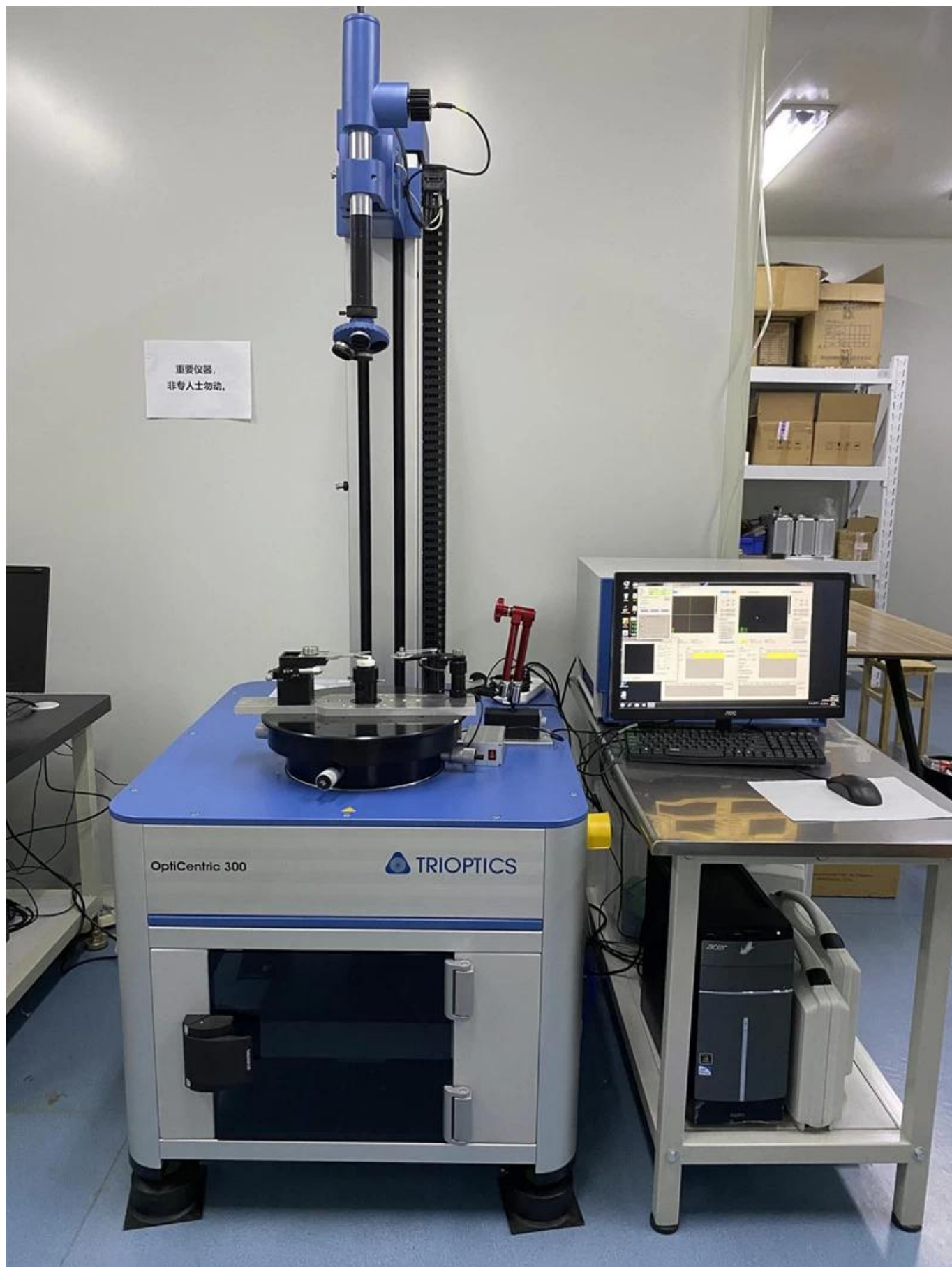


## Factory

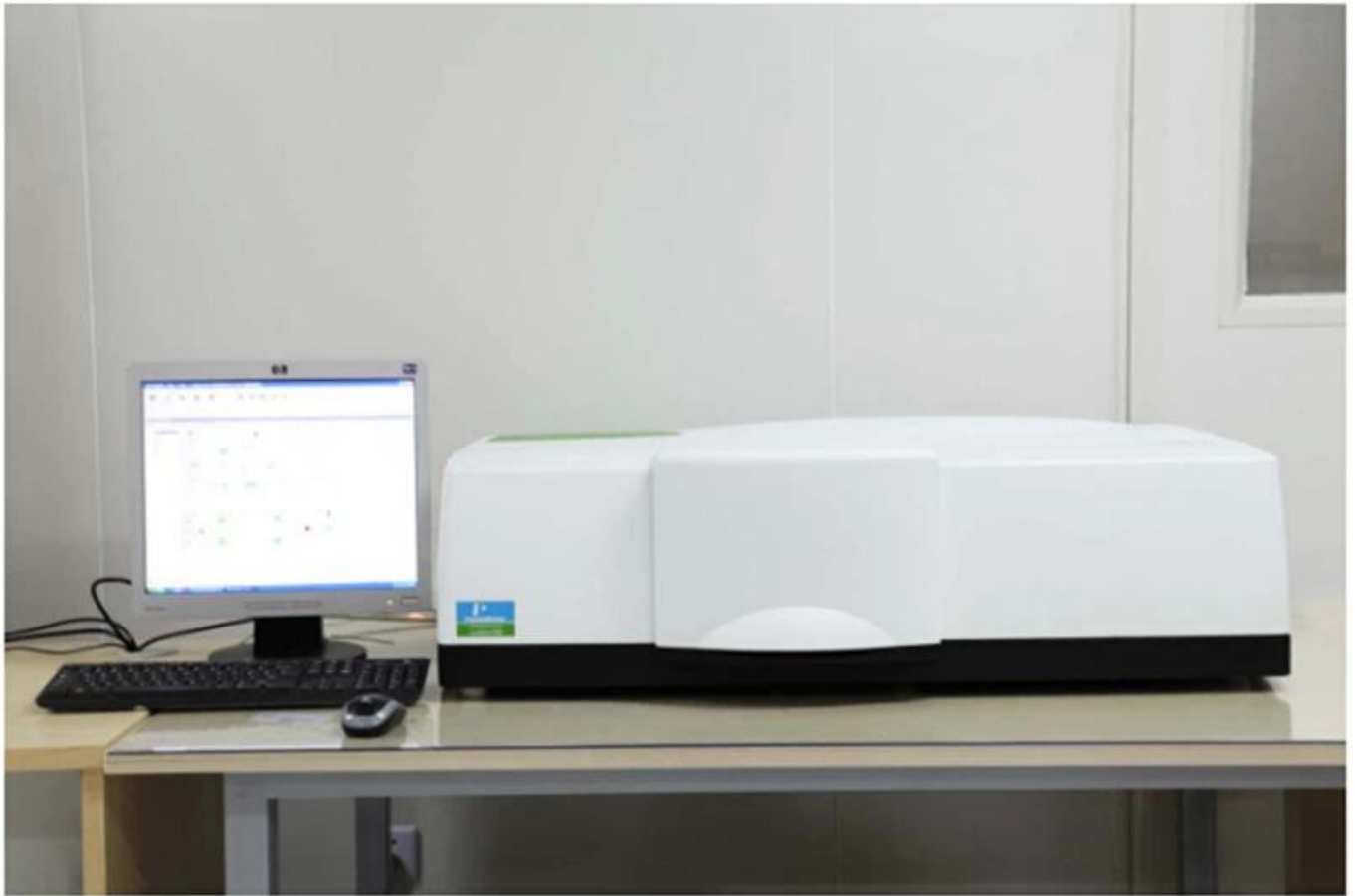












PerkinElmer Lambda 950---Testing Transmission and Reflectivity



## Certificate&Exhibition





# CERTIFICATE

## ATTESTATION CERTIFICATE OF MACHINERY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully. 2006/42/EC Machinery Directive and 2014/35/EU Low Voltage Directive have been taken as references for these processes

Company Name : **Camman HAAS Laser Technology (Suzhou) Co., Ltd.**

Company Address : No 155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu, P.R.China

Related Directives and Annex : **Low Voltage Directive 2014/35/EU  
Machinery Directive 2006/42/EC**

Related Standards : **EN ISO 12100:2010; EN 60204-1:2006+A1:2009+AC:2010**

Product Name : **Laser Marking Machine**

Report No and Date : **SD-90049717:09.08.2018**

Product Brand/Model/Type : **LMCH-3W,LMCH-5W,LMCH-10W,LMCH-15W,LMCH-20W,LMCH-25W,  
LMCH-30W,LMCH-50W,LMCH-60W,LMCH-70W,LMCH-100W,  
LMCH-120W,LMCH-150W,LMCH-200W,LMCH-300W,LMCH-500W**

Certificate Number : **M.2018.201.N6073**

Initial Assessment Date : **10.08.2018**

Registration Date : **13.08.2018**

Reissue Date/No :

Expiry Date : **12.08.2023**

The validity of the certificate can be checked through [www.udem.com.tr](http://www.udem.com.tr). The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 10 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s).

Address: Muratkerem Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya - Ankara - TÜRKİYE

Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76

E-mail: [info@udemtd.com.tr](mailto:info@udemtd.com.tr) [www.udemtd.com.tr](http://www.udemtd.com.tr)

UDEM International Certification  
Auditing Training Centre Industry  
and Trade Inc. Co.



## Certificate of Approval

Certificate No.: 10119Q12565R0M

Awarded to

**Carman Haas Laser Technology(SuZhou)  
Co., Ltd.**

Organization Code Certificate No.: / Unified Social Credit Code:91320594MA1MF4EP56  
Add: No.155, West Road Suhong, Suzhou Industrial Park, Suzhou City, Jiangsu Province, P.R. China. 215000

Beijing ZhongLianTianRun Certification Center (ZLTR) certify that the  
Quality Management System of the above organization has been assessed and found to be  
in accordance with the requirements of the standard:  
**GB/T19001-2016 / ISO9001:2015**

### SCOPE OF CERTIFICATION/REGISTRATION

**The Research and Development and Production of Optics Lenses (Except the limits of  
national laws and regulations.)**

This certificate is made valid when used with certification scopes and the requirements of applicable  
laws and regulations. These requirements include, but are not limited to, administrative permits,  
scopes of qualifications, and CCC requirements.

Subject to operation conditions in requirements conformity with Quality Management System,

This Certificate is valid for a period of three years only,

**Date from: Mar 13th,2019 To: Mar 12th,2022**

The effectiveness of this Certificate shall be Validated by periodic surveillance audit  
of ZLTR for maintenance.

Information of this certificate can be found on the official website of Beijing ZhongLianTianRun  
Certification center (<http://www.zltr.com.cn>)



**Beijing ZhongLianTianRun Certification Center**

Room2003, 22nd Floor, 2nd Unit, Block 1, No.4 Yard, Qiyang Road, Chaoyang District, Beijing, P.R. China 100022

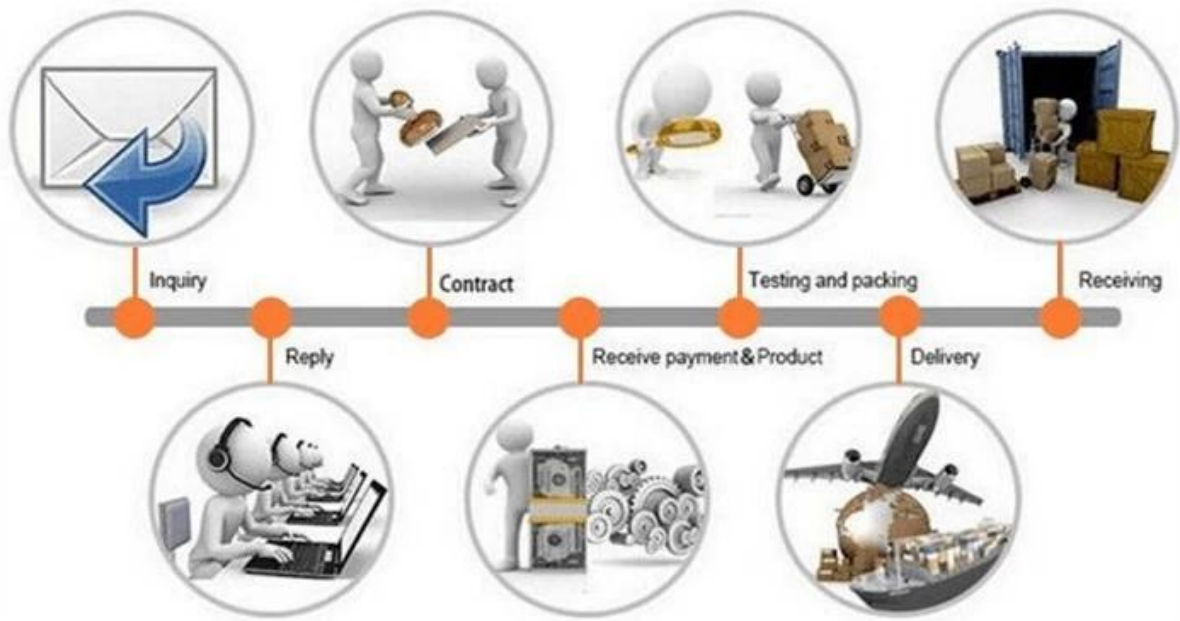
Information of this certificate can be found on the official website of Certification and Accreditation Administration of the People's Republic of China (<http://www.cnca.gov.cn>)

ISO 9001

ISO 9001

## Packing List





**Return Policy:**

Should returns be required:

Step 1) Contact us with this website email.

Step 2) Provide as much detail as possible about the problem you are having.

Step 3) Authorization to return the item will be issued.

Step 4) Return the item for the agreed replacement or refund.

## **Logistics:**

(1)For Laser Optics order delivery,can be optional with DHL, UPS, FedEx, TNT, EMS etc

(2)For Laser machine order delivery, can be optional with terms of EXWork, FOB, CNF, CIF By Air or by Sea based on the buyer's forwarders or ours.

## FAQ

Q1.Are you a manufacturer?

A1: Yes, we are professional and experienced China Manufacturer with our own molds and production lines.

Q2.How about quality of products?

A2: Our technicians and QC teams test the products one by one using aging line, professional devices and instruments to ensure the quality for all products.

Q3.How about price?

A3: We are a manufacturer and always offer our customers the most competitive prices.

Q4.How to place an order?

A4: Contact with online service, or sent email to us directly, we will reply to you with product price, specifications, packing etc. soon. Thank you.

Q5.May I send material to test marking performance?

A5: Yes! You are welcome to send material to test our superior quality and service.

Q6.Can I visit your factory?

A6: Yes, welcome to visit our factory at your convenient time.

Q7.How can I make OEM or ODM orders?

A7: We have different print processing for different OEM/ODM orders. Please contact us with online

service or send email to us directly.

Q8. How should I pay for my orders?

A8: You can pay by T/T would be available for qualified bank and MOQ required for each order.