

Product Information

Product Description:

[F-Theta Scan lenses factory china](#), Carmanhaas Laser marking system can be applied to the marking of all non-transparent materials. General optical system: Expanding the beam through the beam expander to improve the divergence angle, after the beam combines the indicator light into the galvanometer system for beam deflection and scanning, finally, the workpiece is scanned and focused by the F-THETA scan lens.

Laser marking optical components mainly include beam expander and F-THETA scan lenses. The role of the beam expander is to enlarge the beam diameter and reduce the beam divergence angle. F-Theta scan lenses achieve uniform focusing of the laser beam.



CARMAN HAAS

F-theta Lens

Own unique designs with different focal length

Getting a smaller spot size what you demand



Detail Image



UV F-theta lens factory china

Technical Parameters:

Fiber Laser F-Theta Scan Lenses(1064nm)

Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
SL-1064-50-63	63	50x50	12	78	M85x1
SL-1064-50-80	80	50x50	12	91	M85x1
SL-1064-70-100	100	70x70	12	108.3	M85x1
SL-1064-90-130	130	90x90	12	144	M85x1
SL-1064-110-160	160	110x110	12	170.2	M85x1
SL-1064-150-210	210	150x150	12	240.3	M85x1
SL-1064-175-254	254	175x175	14	295.4	M85x1
SL-1064-200-290	290	200x200	14	314.9	M85x1
SL-1064-220-330	330	220x220	14	343.7	M85x1
SL-1064-270-380	380	270x270	14	397.1	M85x1
SL-1064-300-420	420	300x300	14	437.1	M85x1
SL-(1030-1090)-175-254-(20CA)	254	175x175	20	278.2	M85x1
SL-1064-400-525-(20CA)	525	400x400	20	567	M85x1
SL-1064-450-650-(20CA)	650	450x450	20	720	M85x1
SL-1064-560-800-(20CA)	800	560x560	20	861	M85x1
SL-(1030-1090)-116-165-(12CA)	165	116x116	12	187.6	M85x1
SL-(1030-1090)-112-160	160	112x112	10	188.6	M85x1

UV Laser F-Theta Scan Lenses(355nm)

Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
SL-355-70-100	100	70x70	10	134	M85x1
SL-355-110-170	170	110x110	10	217.6	M85x1
SL-355-150-210	210	150x150	10	249	M85x1
SL-355-175-254	254	175x175	10	306.7	M85x1
SL-355-220-330	330	220x220	10	384.2	M85x1
SL-355-300-420	420	300x300	10	482.3	M85x1
SL-355-520-750	750	520x520	10	824.4	M85x1
SL-355-610-840-(15CA)	840	610x610	15	910	M85x1
SL-355-800-1090-(18CA)	1090	800x800	18	1193	M85x1

Green Laser F-Theta Scan Lenses(532nm)

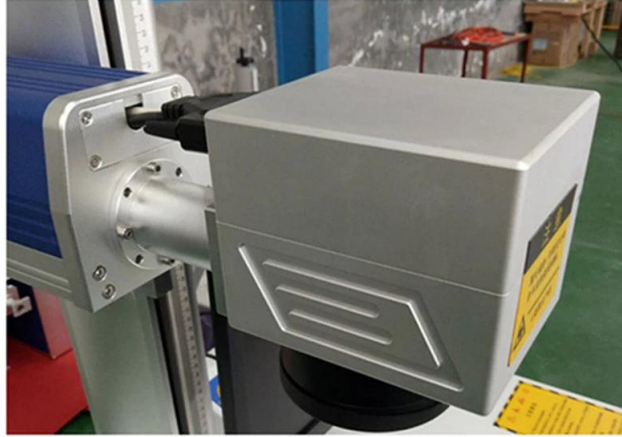
Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
SL-532-40-65	65	40x40	10	73.5	M85x1
SL-532-70-100	100	70x70	12	114	M85x1
SL-532-110-160	160	110x110	12	180	M85x1
SL-532-150-210	210	150x150	12	232.5	M85x1
SL-532-175-254	254	175x175	12	287	M85x1
SL-532-220-330	330	220x220	12	355	M85x1
SL-532-350-500	500	350x350	12	539	M85x1
SL-532-165-255-(20CA)	255	165x165	20	294	M85x1
SL-532-235-330-(16CA)	330	235x235	16	354.6	M85x1

PRODUCT DETAILS

HIGH SPEED
GALVO LENS

NO.1

SMALL SIZE, FRIENDLY INTERFACE
IN ORDER TO IMPROVE THE QUALITY OF EXPORT,
USE NEW TECHNOLOGY, NEW CRAFT, IN THE GALVO
LENS SCANNING SYSTEM, GRAPHIC IS GOOD, NO DISTORION ETC...



FILED LENS SCANNING SYSTEM TO ADOPT NEW TECHNOLOGY
IMPORTED SCANNING SYSTEM MAKES THE SCANNING SPEED IS
UP TO 7000 MM/S

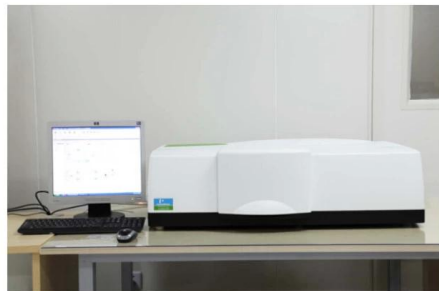
FILED LENS



Factory



TRIOPTICS OptiSpheric 2000 AF
---Testing EFL、R、Centering Error、Wedge Angle、BFL、MTF



PerkinElmer Lambda 950---Testing Transmission and Reflectivity



Carmanhaas Coating Machine

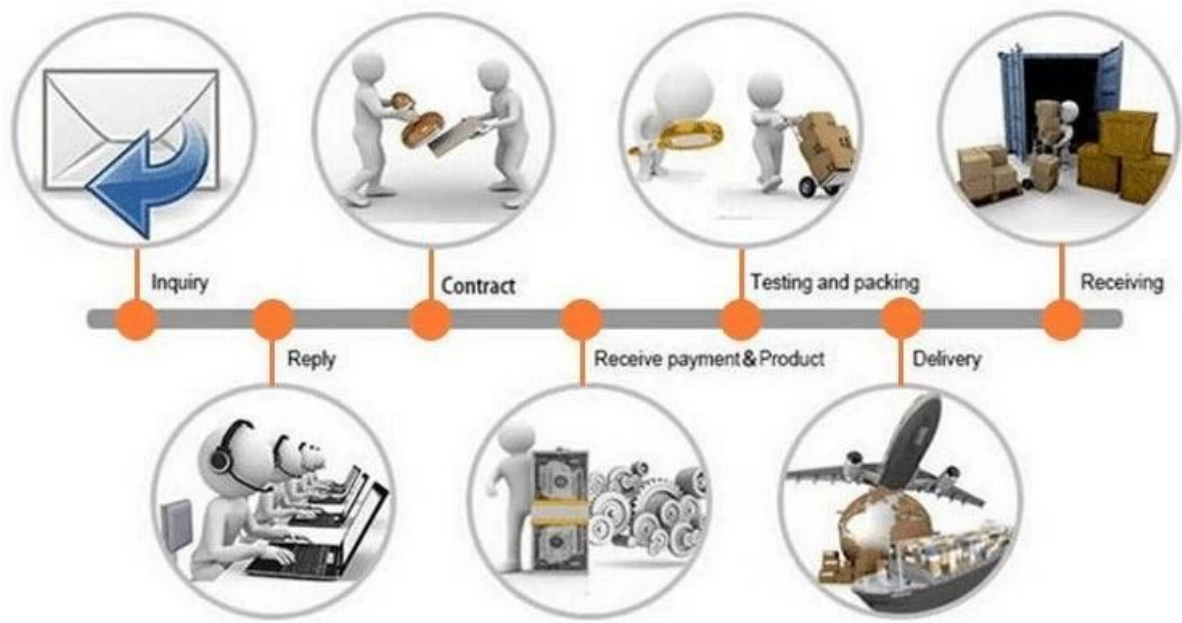
Certificate&Exhibition



Packing List

Packaging & Shipping





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 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.

