

## Product Information

### Product Description:

[CO2 reflector mirror supplier china](#), Carmanhaas Mirrors or total reflectors are used in laser cavities as rear reflectors and fold mirrors, and externally as beam benders in beam delivery systems.

Silicon is the most commonly used mirror substrate; its advantage are low cost, good durability, and thermal stability.

Molybdenum mirror extremely tough surface makes it ideal for the most demanding physical environments. Mo mirror is normally offered uncoated. [Co2 laser mirror wholesales](#)



CARMAN HAAS

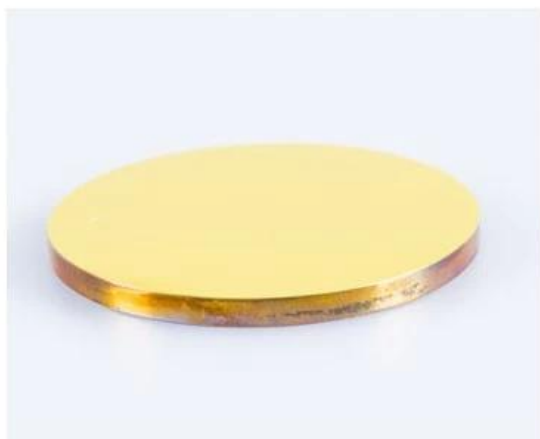
## Si Reflector Mirror

Gold coating,silicon material

Gold coating,silicon material



### Detail Image



**Technical Parameters:**

Specifications	Standards
Dimensional Tolerance	+0.000" / -0.005"
Thickness Tolerance	±0.010"
Parallelism : (Plano)	≤ 3 arc minutes
Clear Aperture (polished)	90% of diameter
Surface Figure @ 0.63um	Power: 2 fringes, Irregularity: 1 fringe
Scratch-Dig	10-5

**Silicon Reflector:**

Diameter(mm)	ET(mm)	Coating
19/20	3	MMR/UC@10.6 OR ATFR/UC@10.6um
25/25.4	3	
28	8	
30	3/4	
38.1	3/4/8	
44.45	9.525	
50.8	5/5.1	
50.8	9.525	
76.2	6.35	

**Silicon Phase Retarder:**

Diameter (mm)	ET (mm)	Coating
25	3	RPR-90/UC@10.6
30	3/4	
50.8	9.525	
76.2	6.35	

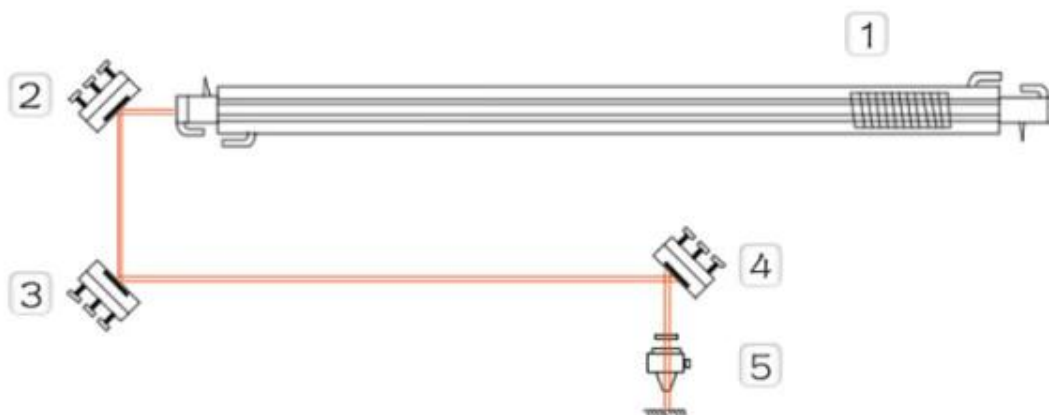


### Advantage

- High purity, low absorption material (body absorption less than  $0.0005/\text{cm}^{-1}$ )
- High damage threshold coating ( $>8000\text{W}/\text{cm}^2$ )
- Lens focusing reaches diffraction limit

### Laser light path schematic

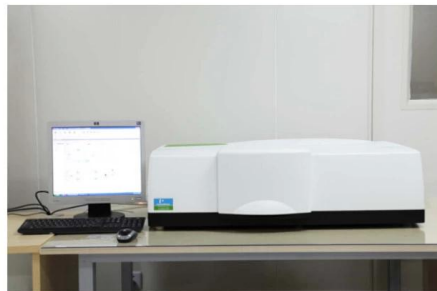
① Laser tube ② First mirror ③ Second mirror ④ Third mirror ⑤ Focus lens







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



**PerkinElmer Lambda 950**---Testing Transmission and Reflectivity



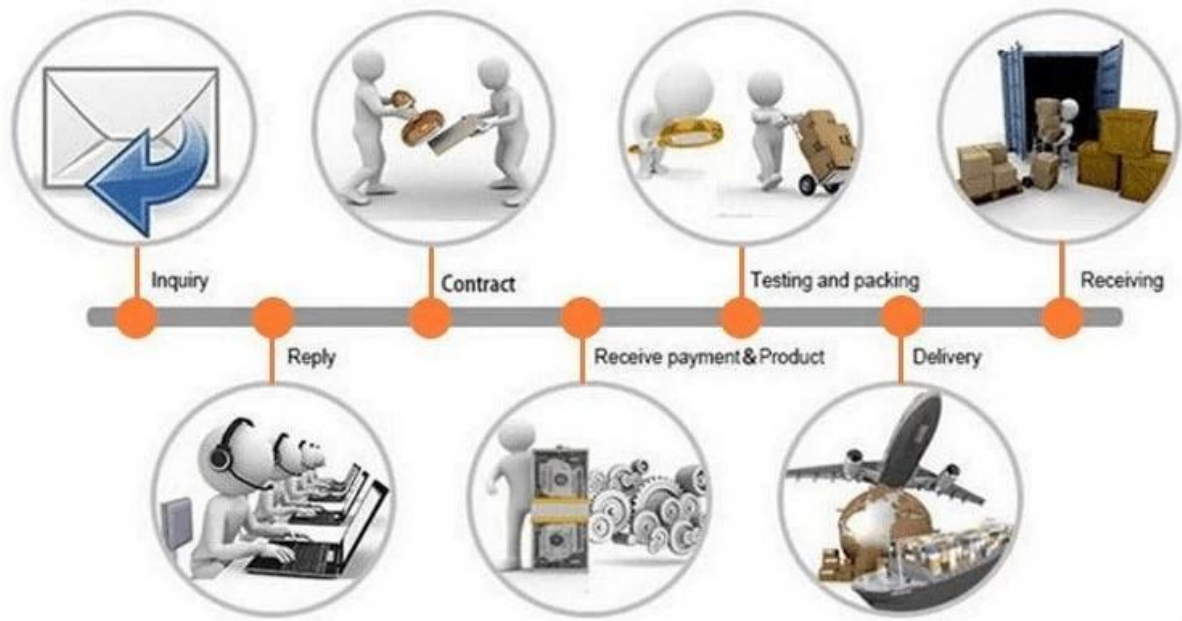
**Carmanhaas Coating Machine**

## Certificate&Exhibition



## Packing List





### 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:**

For Laser Optics Order, ship by DHL, UPS, FedEx, TNT, EMS etc.

For Laser Machine Order,  
delivery could be optional with terms of Exwork, FOB, CNF, CIF by air or by sea based on the buyer's forwarder 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.