Products Description:

Laser reflection mirror, used in the laser cavity as end mirror or foldmirror, and in the beam delivety as reflective mirror. Substrate is typically silicon, Cu and Mo. Silicon is the most commonly used mirror substratedue to its good "figure of merit" properties. Cu because of its highthermal conductivity is generally used in high-power laser systems. Mo-resistant surface suitable for the specific needs of the physical environment,it is generally uncoated. In the low-power laser cavity, such as Glass tube andRF tube, end mirror commonly used silicon, the radius of curvature can becustomized according to customer demand.

Products Specification:

Material	Silicon, Molybdeum mirror reflecting
Diameter Tolerance	+0.0/-0.1mm
Thickness Tolerance	±0.1mm
Clear Aperture	>= 90% Diameter
Surface Flatness	lamda/4 at 632.8nm
Scratch/Dig	S1:40-20,S2:Fine ground
Parallelism	<1'
Bevelling	<0.2×45°

Products Dimension:

P/N	Diameter	E.T.	Material	Coating	Speciality
	mm	mm			
MS-19-3	19	3	Silicon	Gold-plated	Highly reflective coating
MS-20-3	20	3			
MS-25-3	25	3			
MS-30-3	30	3			
MS-38.1-3	38.1	3			
MS-38.1-5	38.1	5			
MS-50.8-5	50.8	5			
MS-50.8-10	50.8	10			

MSD-19-3	19	3	Silicon	Dielectric-plated	High power, highly reflective coating
MSD-20-3	20	3			
MSD-25-3	25	3			
MSD-30-3	30	3			
MSD-38.1-3	38.1	3			
MSD-38.1-5	38.1	5			
MSD-50.8-5	50.8	5			
MSD-50.8-5	50.8	10			

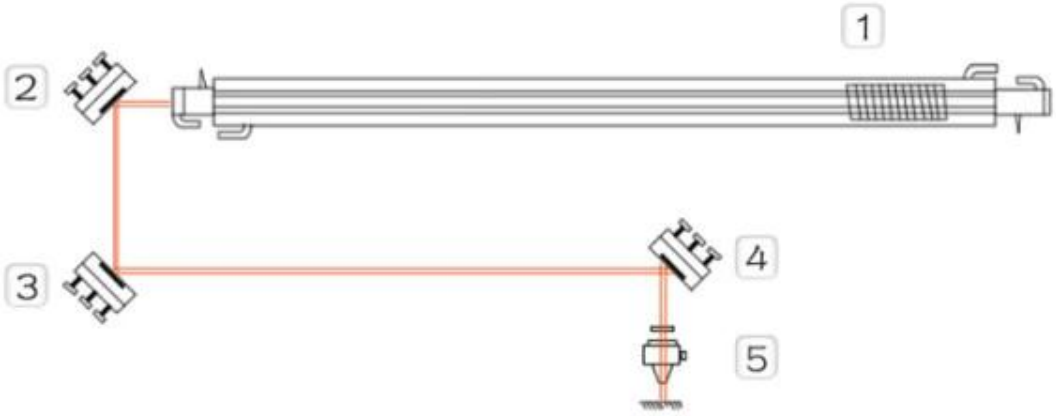
Detail Image

Advantage

- High purity, low absorption material (body absorption less than 0.0005/cm-1)
- High damage threshold coating (>8000W/cm2)。
- Lens focusing reaches diffraction limit

Laser light path schematic

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



Packaging & Shipping

Packaging 1




Packaging 2




Packaging 3




Shipping 4

DHL EXPRESS

TNT

EMS

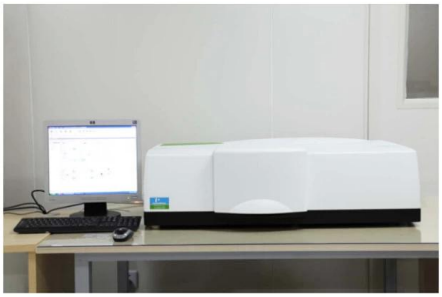
FedEx Federal Express

SF EXPRESS 顺丰速运

ups

TRIOPTICS OptiSpheric 2000 AF

---Testing EFL、R、Centering Error、Wedge Angle、BFL、MTF



PerkinElmer Lambda 950---Testing Transmission and Reflectivity

Carmanhaas Coating Machine

FAQ:

Q1.Are you a manufacturer?
A1: Yes, we are professio nal 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.

Logistics:

(1) For Laser Optics order ship by DHL, UPS, FedEx, TNT, EMS etc

(2) For Laser machine For Laser Machine order delivery, can be optional with terms of Exwork, FOB, C NF, CIF by air or by sea based on the buyer’s forwarder or ours.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