

Product Information

Product Description:

[Dynamic focus system supplier china](#), Dynamic scanning optical system optics: 1pc small focus lens □ 1-2pcs focus lens □ Galvo mirror. The entire optical lens forms a function of beam expansion, focusing and beam deflection and scanning.

The expanding part is a negative lens, ie small focus lens, which realizes beam expansion and moving zoom, the focusing lens is composed of a group of positive lenses. The galvo mirror is mirror in the galvanometer system.

Advantage:

- (1) Optimization of lens design: Optimum ratio of diameter to thickness ratio
- (2) Lens high damage threshold: $>30\text{J/cm}^2$ 10ns
- (3) Ultra-low absorption coating, absorption rate: $<20\text{ppm}$
- (4) Galvanometer thickness to diameter ratio: $1\sim 35$
- (5) Lens surface accuracy: $\leq \lambda/5$



Optical components and optical system for post objective scanning system

Dynamic scanning optical system optics: 1pc small focus lens, 1-2pcs focus lens, Galvo mirror. The entire optical lens forms a function of beam expansion, focusing and beam deflection and scanning. The expanding part is a negative lens, ie small focus lens, which realizes beam expansion and moving zoom, the focusing lens is composed of a group of positive lenses. The galvo mirror is mirror in the galvanometer system.



CO2 Post-Objective Lens

| Max Entrance Pupil (mm) | Optics 1 Diameter (mm) | Optics 2 Diameter (mm) | Optics 3 Diameter (mm) | Scan Field (mm) | Clear Aperture of Scanner (mm) |
|-------------------------|------------------------|------------------------|------------------------|--------------------|--------------------------------|
| 8 | 15 | 55 | 55 | 600x600 800x800 | 30 |
| 12 | 22 | 55 | 55 | 1600x1600 | 30 |

1030-1090nm Post-Objective Lens

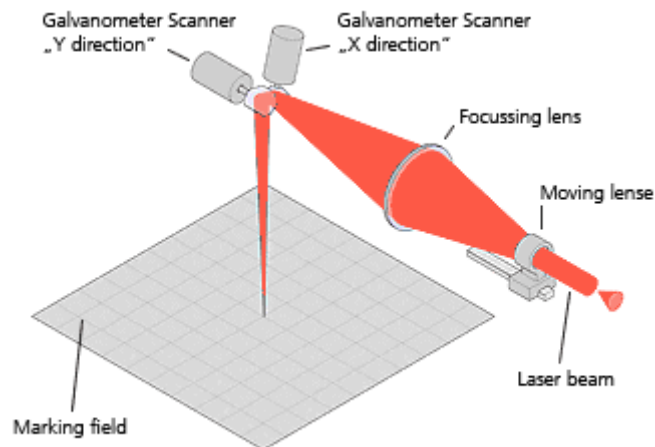
| Max Entrance Pupil (mm) | Optics 1 Diameter (mm) | Optics 2 Diameter (mm) | Optics 3 Diameter (mm) | Scan Field (mm) | Clear Aperture of Scanner (mm) |
|-------------------------|------------------------|------------------------|------------------------|--------------------|--------------------------------|
| 8 | 16 | 55 | 55 | 600x600 800x800 | 30 |

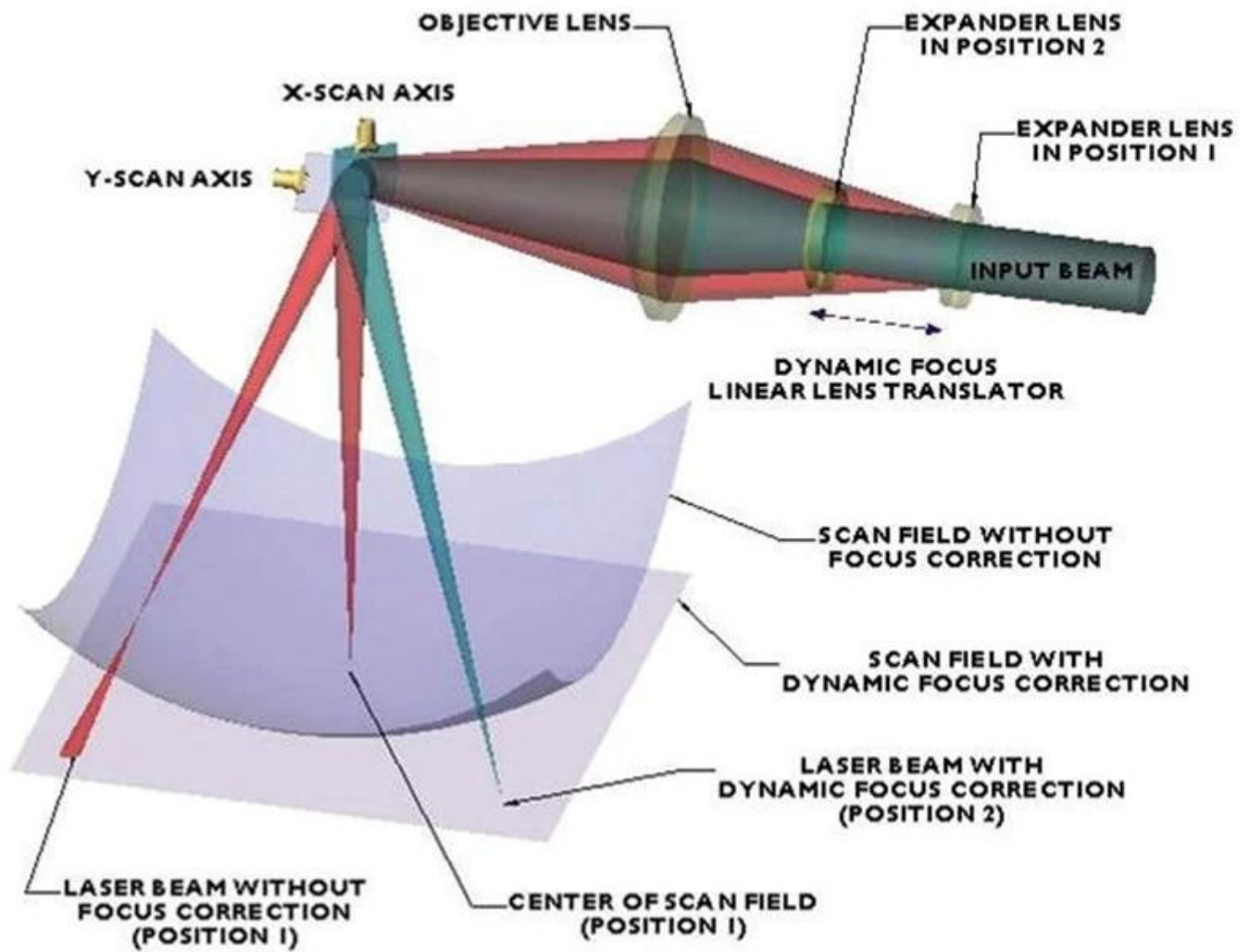
532nm Post-Objective Lens

| Max Entrance Pupil (mm) | Optics 1 Diameter (mm) | Optics 2 Diameter (mm) | Optics 3 Diameter (mm) | Scan Field (mm) | Clear Aperture of Scanner (mm) |
|-------------------------|------------------------|------------------------|------------------------|-----------------|--------------------------------|
| 8 | 15 | 35 | 35 | 300x300 | 10 |

355nm Post-Objective Lens

| Max Entrance Pupil (mm) | Optics 1 Diameter (mm) | Optics 2 Diameter (mm) | Optics 3 Diameter (mm) | Scan Field (mm) | Clear Aperture of Scanner (mm) |
|-------------------------|------------------------|------------------------|------------------------|-----------------|--------------------------------|
| 8 | 15 | 35 | 35 | 300x300 | 10 |

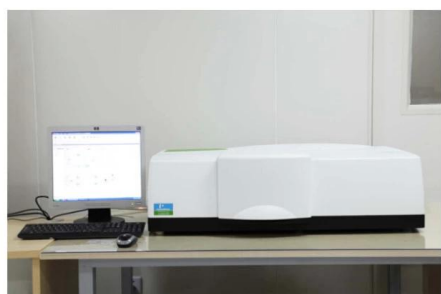




Factory



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

Packaging 1



Packaging 2



Packaging 3



Shipping 4



Lens Cleaning

1. For light pollution (dust, fiber particles) were flexible cleaning.

Using a blowing balloon, Blow off scattered contaminants on the surface of the optical element.



2. For light pollution (stains, fingerprints) were flexible cleaning.

Propanol, acetone glue with a cotton swab or alcohol to gently wipe the surface.



3. For moderately polluted (saliva, oil) in moderate-intensity cleaning.

Infiltrating distilled white vinegar with a cotton swab, wipe the surface a little pressure.



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:

Optics order ship by DHL, UPS, FedEx, TNT, EMS etc

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 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.

