

## Product Description:

**Laser focusing lens manufacturer china**, Carmanhaas CO2 cutting lenses mainly include mirrors and positive focusing lenses. The mirror material is silicon, molybdenum, etc. Focusing Lens materials mainly include zinc selenide (ZnSe) and gallium arsenide (GaAs). Focus lens have Meniscus lenses and Plano-convex Lenses. Meniscus lenses are designed to minimize spherical aberration, producing a minimum focal spot size for incoming collimated light. Plano-convex Lenses, the most economical transmissive focusing elements available, Carmanhaas ZnSe Focus Lenses are ideally suited for laser head treating, welding, cutting, and infrared radiation collection where spot size or image quality is not critical. They are also the economical choice in high f-number, diffraction limited systems where lens shape has virtually no effect on system performance. **(Laser focusing lens supplier)**

## Product Features:

- (1) High purity, low absorption material (body absorption less than 0.0005/cm-1)
  - (2) High damage threshold coating (>8000W/cm<sup>2</sup>)
  - (3) Lens focusing reaches diffraction limit
- (1) High purity, low absorption material (body absorption less than 0.0005/cm-1)

产品名称 Part Category	直径 Diameter (mm)	边缘厚度 Thickness (mm)	焦距 Focal Length (mm)	镀膜 Coating
ZnSe聚焦镜 ZnSe PO/CX or Men Lens	18 / 19.05 / 20 / 25	2	38.1	AR/AR@10.6um
			50.8	
			63.5	
			75	
			95.25	
			100	
	28	3	127	
	38.1	7.4 / 8.0 / 9.0	95.25	
			127	
	50.8	7.9 / 9.7	190.5	
			127	
			190.5	
			222.25	
			254	

## Installation Schematic



## 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.



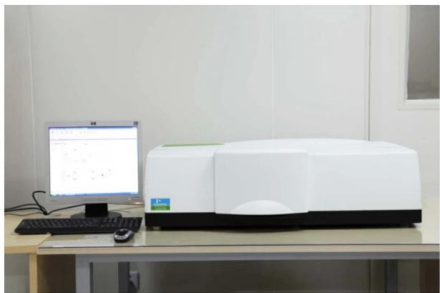
### 3. For moderately polluted (saliva, oil) in moderate-intensity cleaning.

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





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



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



**Carmanhaas Coating Machine**

# Packaging & Shipping

## Packaging 1



## Packaging 2



## Packaging 3



## Shipping 4





