

TELECENTRIC OPTICAL SYSTEMS:

Telecentric optical systems are characterized by the fact that the principal point of the system is located at infinity. This means that the chief rays are parallel to the optical axis. There are two types of telecentric systems: object-space telecentric and image-space telecentric. In object-space telecentric systems, the entrance pupil is at infinity, and the chief rays are parallel to the optical axis in object space. In image-space telecentric systems, the exit pupil is at infinity, and the chief rays are parallel to the optical axis in image space. Telecentric systems are used in applications where high accuracy and low distortion are required, such as in machine vision and metrology.

TELECENTRIC OPTICAL SYSTEMS:

- 1. Telecentric optical systems, entrance pupil diameter: < 0.05 mm
- 2. Telecentric optical systems: $\geq 99.8\%$
- 3. Telecentric optical systems: $10\text{GW} / \text{cm}^2$

TELECENTRIC OPTICAL SYSTEMS:

- (1) Telecentric optical systems are used in applications where high accuracy and low distortion are required.
- (2) Telecentric optical systems are used in applications where high accuracy and low distortion are required.
- (3) Telecentric optical systems are used in applications where high accuracy and low distortion are required.

[Telecentric Optical Systems](#)

Telecentric F-theta Scan Lenses



1030-1090nm Fiber Laser



532nm Green Laser



355nm UV Laser



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355nm □□□□□□□□□□ **F**-□□□□ □□□□ □□□□

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TSL-355-50-100	100	50 * 50	7	132	M85x1
TSL-355-50-100	100	50 * 50	9	135	M85x1
TSL-355-100-170	170	100 * 100	10	224.6	M85x1
TSL-355-130-250- (15CA)	250	130 * 130	15	341.8	M85x1
TSL-355-175-305- (15CA)	305	175 * 175	15	393.8	6-M8

Optical System Layout

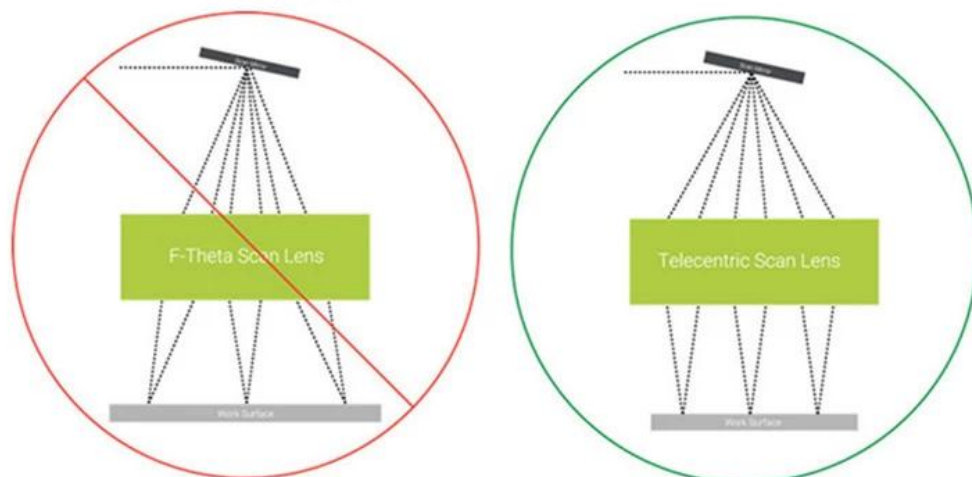
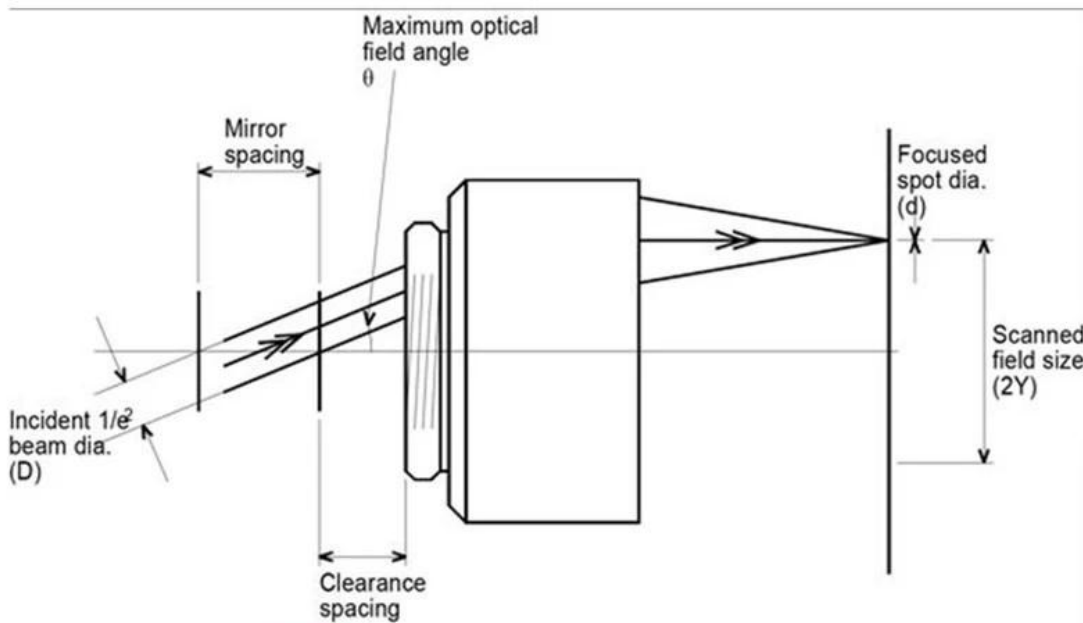
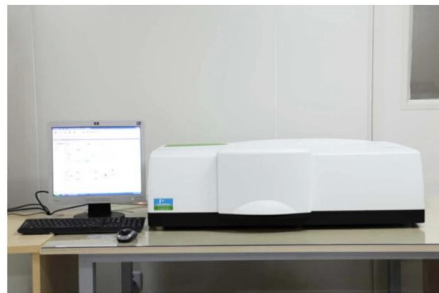


Figure 2: Non-telecentric vs. telecentric f-theta lenses.

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



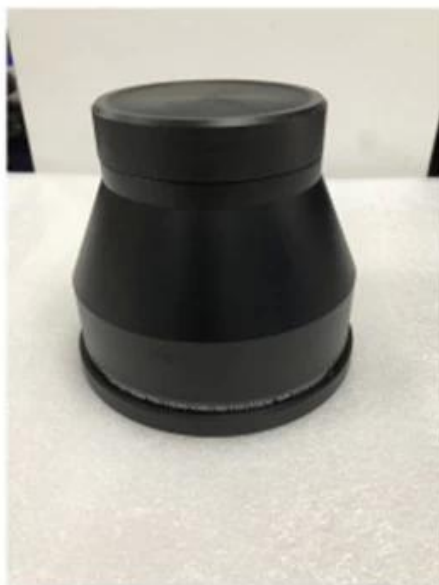
PerkinElmer Lambda 950---Testing Transmission and Reflectivity

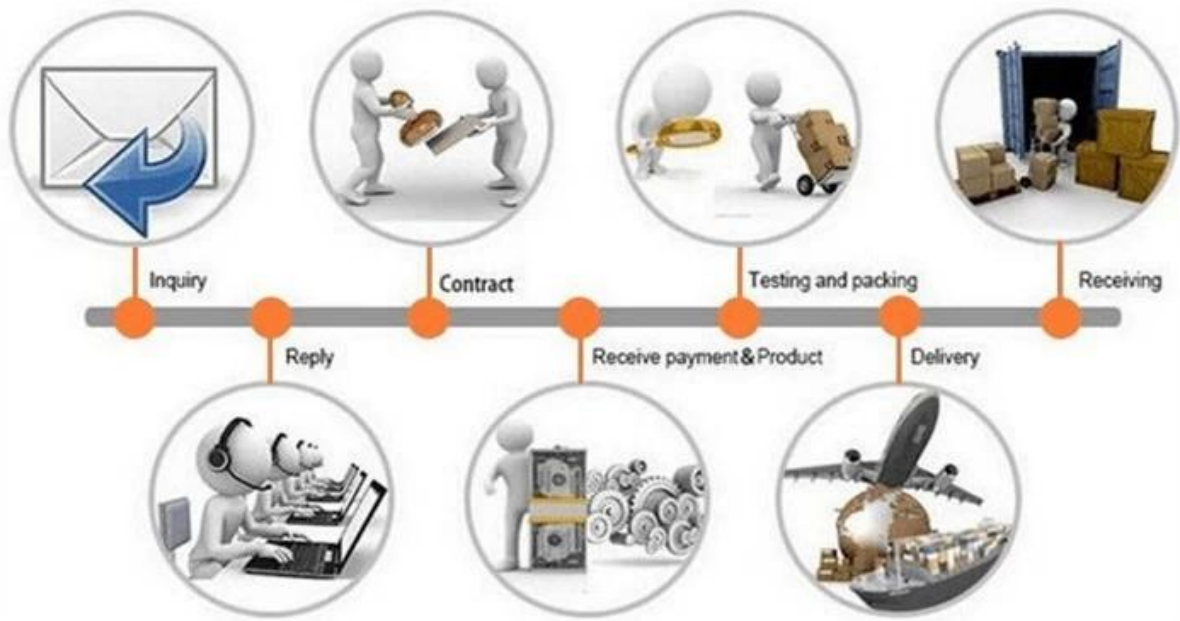


Carmanhaas Coating Machine



Packaging & Shipping





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000000000 00 000000000 00 0000 000 Q2.How

A2: 000000 000000000000 00 QC 000000 000 0000000000 00 000 0000000000 0000000000 0000 00 000 0000 000000 0000, 0000000 00000000 00 00000000 00 000000 0000 00-00 0000 0000000000 00 00000000 0000 0000

0000 00 0000 000 Q3.How

A3: 00 00 000000000 000 00 000000 000000 000000000 00 0000 0000 00000000000000 000000 00 000000 0000 0000

Q4.How 00 0000 000 00 000?

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Q5.May 000 0000000000 000000000 00 000000000 0000 00 000 00000000 000 0000 000?

A5: 000! 000000 000000 0000000000 00 0000 00 000000000 0000 00 000 00000000 000000 00 000 0000 0000000 000

Q6. 000 0000 00000000 00 0000 00 0000 000?

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Q7.How 000 OEM 00 ODM 0000 00 0000 000?

A7: 00 000 000 0000000 00000000000 00 000 000000000 OEM / ODM ord 0000000000 000000 0000000 0000 00 000 0000 000000 0000 00 0000 0000 0000 0000000

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A8: 00 00 / 00 0000000 0000000 00 0000 000 0000000000 0000 00 000 0000000 000000 0000 00 MOQ 00 000 0000000 000000