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Carmanhaas Telecentric 000 000 00 00 000 00 000 000 000000 00 000 0000 000 00 000000. 00 00 00 000 00 00000 00 0000 00 00000 00 00000, 0000 0 00 00 000 00000 0000 0000 00000000000. 00 0 00 00 0000 0000 0000 0000 00 0000 00 0000 00 0 00 0000 00000 0000 00 0 00000.

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### TELECENTRIC f-THETA 0000-00

00:

- (1) 0000, 00 00 00 : <0.05mm
- (2) 00 0000 :> / = 99.8 %
- (3) 00 0000 00 0 : 10GW / cm<sup>2</sup>

00 00 00 :

- (1) 0000 00 00 0000 00.
- (2) 00000 00000 0000 00000 0 00 00 0000
- (3) 0000 00000000000 00 0

## Telecentric F-theta Scan Lenses



## 1030-1090nm Fiber Laser



## 532nm Green Laser



## 355nm UV Laser



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**1064nm / 1030-1090nm** □□ □ □□ **F** □□ □□ □□

□□ □□	<b>FL (mm)</b>	□□ □□ <b>(mm)</b>	□□ □□ □□ <b>(mm)</b>	□□ □□ <b>(mm)</b>	□□ □
TSL-1064-80-130- (14CA)	131.5	80 * 80	14	158.7	M85x1
TSL- (1030-1090) -45-100- (14CA)	100	45 * 45	14	137	M85x1
TSL- (1030-1090) -60-120- (15CA)	120	60 * 60	15	162	M85x1
TSL- (1030-1090) -85-170- (20CA)	170	85 * 85	20	215.5	M85x1

## Optical System Layout

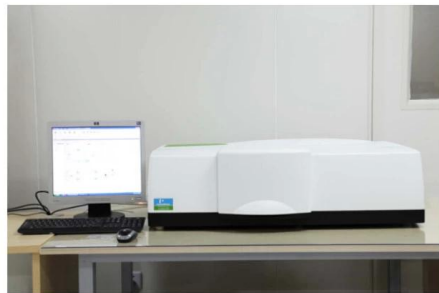


Figure 2: Non-telecentric vs. telecentric f-theta lenses.





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



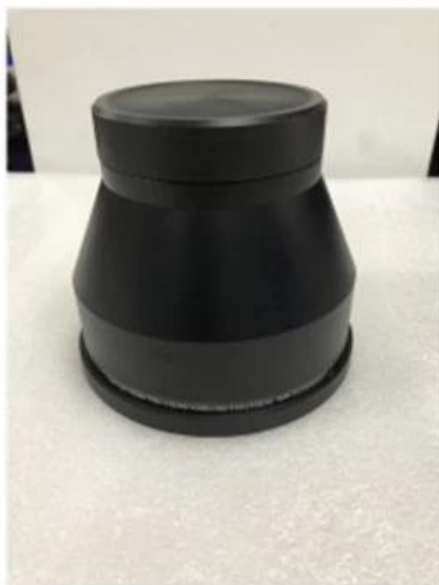
**PerkinElmer Lambda 950**---Testing Transmission and Reflectivity



**Carmanhaas Coating Machine**



## Packaging & Shipping







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- (1) □□□ □□ □□ □□, □□ DHL, UPS □□□, TNT, EMS □
- (2) □□□ □□ □□ □□, □□ EXEX, FOB, CNF, CIF □□ □□ □□ □□□□ □□□ □□ □□□.



Q1. □□□□□□?

A1 : □□□□□, □□□ □□□ □□□ □ □ □□ □□□ □□ □□□□□ □□□□ □□□□□□.

Q2. □□□ □□□ □□?

A2 : □□□ □□□□ QC □□ □□ □□□ □□□□ □□ □□ □□, □□ □□ □ □□□□ □□□□ □□□ □□□ □□□□□□.

Q3. □□□ □□?

A3 : □□□ □□□□□ □□ □□□ □□□□ □□ □□ □□□ □□□□□.

Q4. □□□□ □□?

A4 : □□□ □□□□ □□□□□ □□ □□□□ □□□ □□ □□, □□, □□ □□□ □ □□ □ □□□□□□. □□□□□□.

Q5. □□ □□□ □□□□□ □□ □□□ □□ □ □□□□?

A5 : □□□□□! □□□ □□□ □□□□ □□□□□ □□ □□□ □□ □ □□□□.

Q6. □□□ □□ □ □ □□□□?

A6 : □□□□□, □□□ □□□ □□□ □□ □□□ □□□□ □□.

Q7. □□□ OEM □□ ODM □□?

A7 : □□□ □□ □□ □□ □□ OEM / ODM orders. □□□ □□□□ □□□□□ □□ □□□□ □□□□□□.

Q8. □□ □□□ □□□ □□□□□?

A8 : □□□ □□ T / T □□□ □□ □ □□ □□ □ □□.