



## Telecentric F-theta Scan Lenses



## 1030-1090nm Fiber Laser



## 532nm Green Laser



## 355nm UV Laser



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### 355nm Telecentric F-Theta Scan Lenses

Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
TSL-355-50-100	100	50x50	7	132	M85x1
TSL-355-50-100	100	50x50	9	135	M85x1
TSL-355-100-170	170	100x100	10	224.6	M85x1
TSL-355-130-250-(15CA)	250	130x130	15	341.8	M85x1
TSL-355-175-305-(15CA)	305	175x175	15	393.8	6-M8

### 532nm Telecentric F-Theta Scan Lenses

Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
TSL-532-50-100-(15CA)	100	50x50	15	123.6	M85x1
TSL-532-165-277-(15CA)	277	165x165	15	355.8	M102x1

### 1064nm/1030-1090nm Telecentric F-Theta Scan Lenses

Part Description	FL(mm)	Scan Field (mm)	Max Entrance Pupil (mm)	Working Distance (mm)	Mounting Thread
TSL-1064-80-130-(14CA)	131.5	80x80	14	158.7	M85x1
TSL-(1030-1090)-45-100-(14CA)	100	45x45	14	137	M85x1
TSL-(1030-1090)-60-120-(15CA)	120	60x60	15	162	M85x1
TSL-(1030-1090)-85-170-(20CA)	170	85x85	20	215.5	M85x1

## Optical System Layout

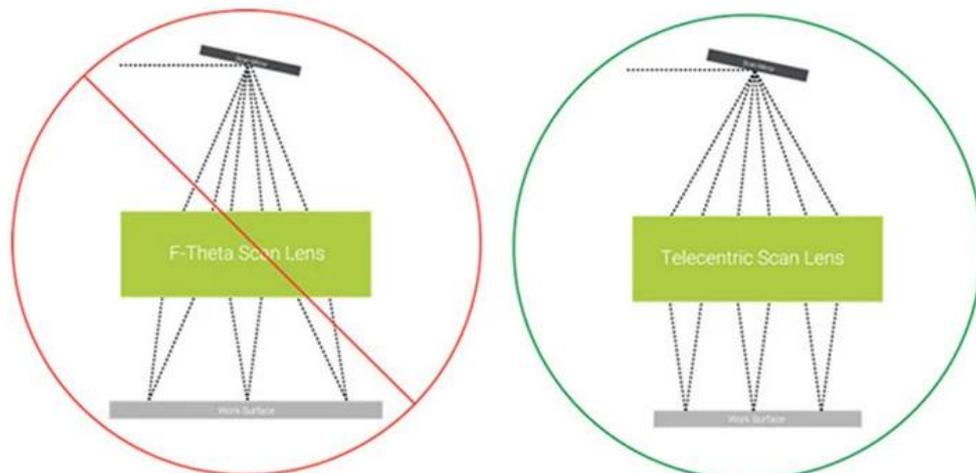
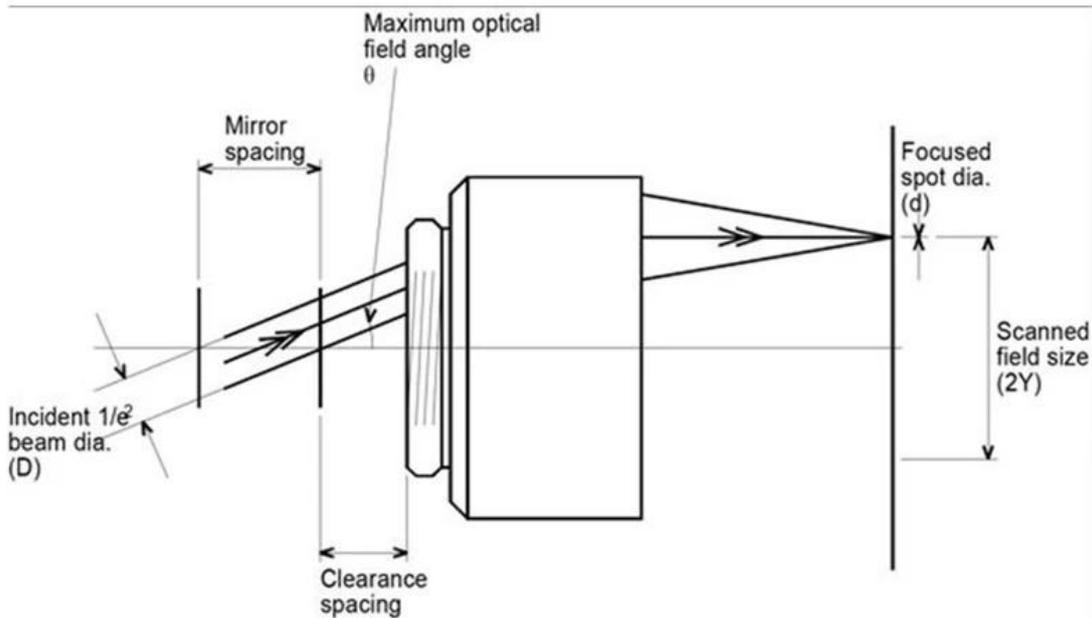
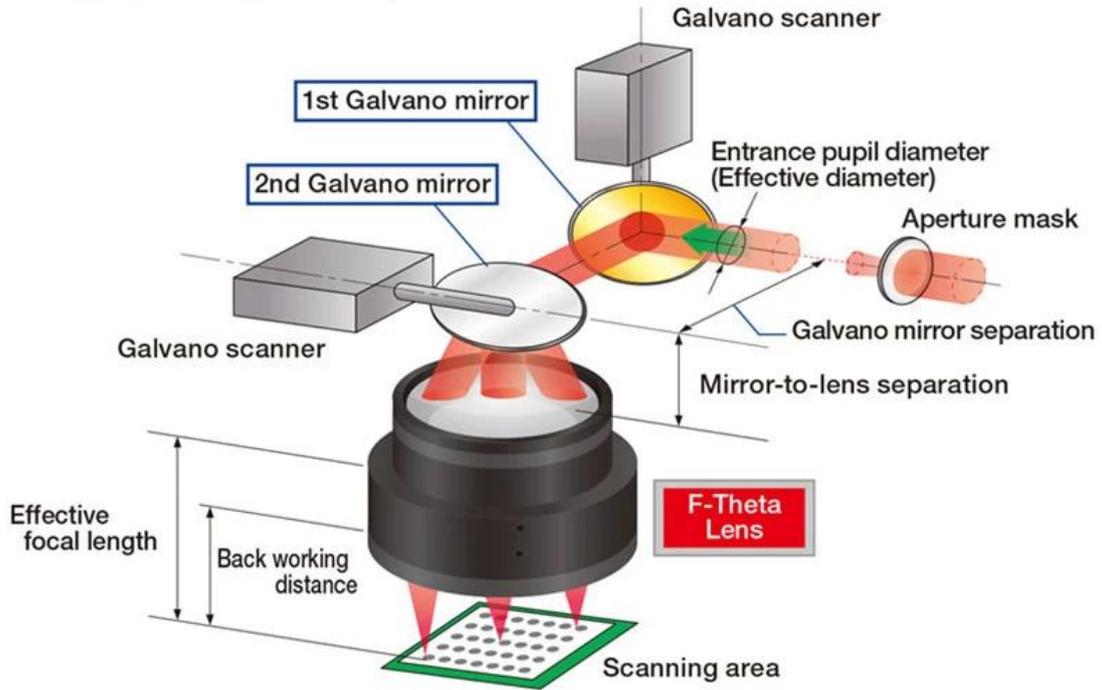


Figure 2: Non-telecentric vs. telecentric f-theta lenses.

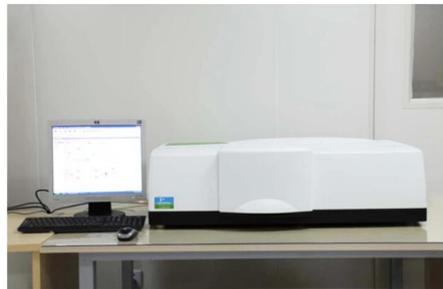
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**TRIOPTICS OptiSpheric 2000 AF**  
---Testing EFL, R, Centering Error, Wedge Angle, BFL, MTF



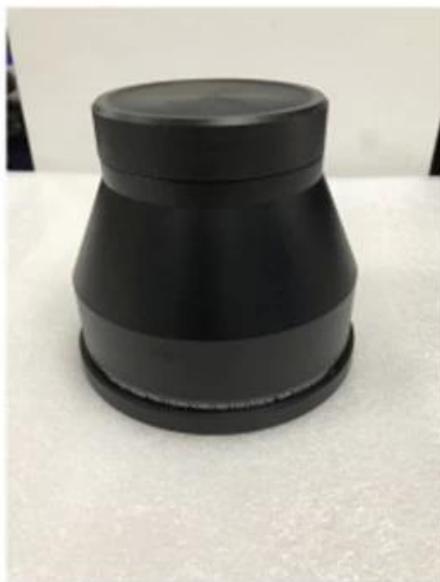
**PerkinElmer Lambda 950**---Testing Transmission and Reflectivity



**Carmanhaas Coating Machine**



## Packaging & Shipping





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- : 1. 2. 3. 4.

QUESTION:

- (1) DHL UPS FedEx TNT EMS
- (2) EXWork FOB CNF CIF



ANSWER:

- A1: ...
- Q2.How ...
- ... :2
- ... .3
- A3: ...
- ... .4
- A4: ...
- ... .5
- ... :5
- ... .6
- A6: ...
- ... .7
- A7: OEM / ODMers. ...
- ... .8
- A8: T / T ...

