

# ImageMaster™ by Trioptics GMBH - ScoutCam's Optical Services

At ScoutCam, we believe in partnerships. That's why we offer a unique optical test service that is based on ImageMaster™ by Trioptics GMBH for both finite & infinite working distance lenses.

Our complete range of ImageMaster™ optical test options include:

## Infinite working distance measurements:

### MTF in the following configurations:

- MTF on-axis
- off-axis
- Sagittal/Tangential
- MTF vs. Spatial Frequency
- MTF vs. Focus
- MTF vs. Field
- MTF vs. Focus vs. Field
- MTF vs. Wavelength
- **Effective Focal Length (EFL)**
- **Distortion**
- **Lateral chromatic aberration**
- **Longitudinal chromatic aberration**
- **Chief ray angle (CRA)**
- **Field curvature**

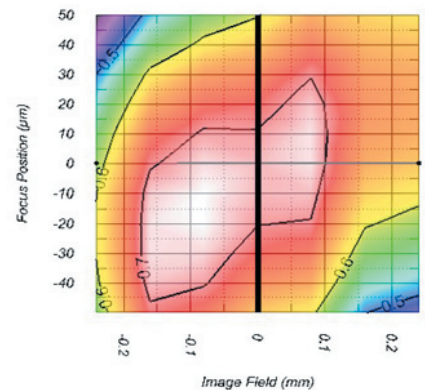
## Finite working distance measurements:

### MTF in the following configurations:

- MTF on-axis
- off-axis
- Sagittal/Tangential
- MTF vs. Spatial Frequency
- MTF vs. Focus
- MTF vs. Field
- MTF vs. Focus vs. Field
- MTF vs. Wavelength
- **Magnification**
- **Distortion**
- **Lateral chromatic aberration**
- **Longitudinal chromatic aberration**
- **Chief ray angle (CRA)**
- **Field curvature**



MTF FIELD vs FOCUS



### Measurement Parameter: MTF vs. Image Height

Setup Type : Object Infinite / Image Finite  
EFL (Collimator): 50 mm  
Wavelength : 560 nm (PE)  
EFL (Sample) : 6.3022 mm  
F-Number : 5.6000  
Object Angle : -0.0082 °  
Focus Position : 31.7000  
Sample Azimuth : 0.0 °

For a price quotation, you may contact us at:  
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