



OptoTech

Centering Error Software

Software for automatic centering error determination for AZP 200 HP

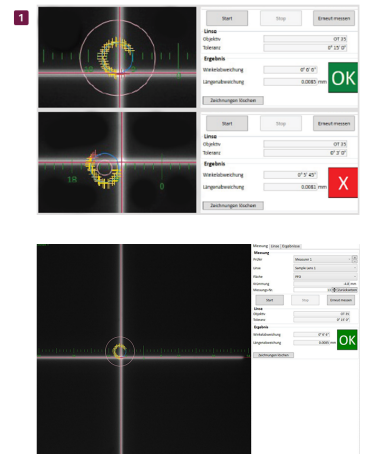


The OptoTech centering error software is a highly flexible tool for quality control of spherical single surfaces in incident light. It calculates the deviation between the optical axis and the mechanical axis of individual spherical surfaces in accordance with DIN ISO 10110-6 and presents the results graphically for direct comparison with drawing specifications. The software is designed for simple and reliable use. The OptoTech centering error software visualizes your measurement processes, saves and documents all measurement results and thus ensures maximum transparency. You work with efficient calculation algorithms and have the option of making flexible adjustments according to your measuring tasks.



Technical data

	Centering Error Software
Application	Automatic determination of centering errors
Autocollimation Telescope	Standard length 300 mm (other lengths available)
Pixelray Camera	1200x1200 Pixel
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- Automatically scalable reticle in the image field depending on the test specimen and attachment lens
- Manual adjustment of the intensity and contrast of the crosshairs possible with software. Additional digital crosshairs can be set on the software side
- Display settings: Display scale, display cross, display additional lens information, display additional surface information
- Camera display: Rotation (in 90° steps), mirror / non-mirror
- Creation of up to 999 lenses with up to 4 different measuring points. Can be saved and automatically approached via quick selection keypad when combined with motorized Z-axis.
- Set-up mode protected by password
- Comprehensive and context-sensitive online help
- Controller for motorized Z-axis (optional) for absolute and relative movement to defined distances or stored measuring points; monitoring of drive status

Performance characteristics

1. Display of actual beat circle and target beat circle; GO/NO-GO evaluation
2. Setting of different masks such as diamond, cross or ellipse
3. Table function for measurement results incl. export option to Excel list for reports and statistics