



OptoTech

# MSI 60

Multifunctional Stitching Interferometer for Optics up to Ø 100mm  
and Plano Optics (option)

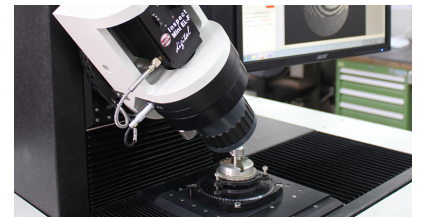
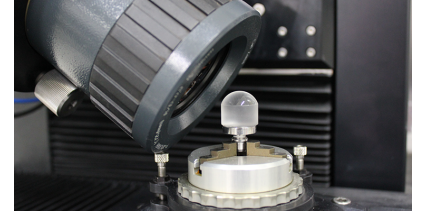


The new Multifunctional Stitching Interferometer MSI 60 was especially designed for testing high aperture spheres up to diameter 100 mm.



## Technical Data

|                                       | MSI 60                                                                                 |
|---------------------------------------|----------------------------------------------------------------------------------------|
| Application                           | Multifunctional Stitching Interferometer                                               |
| Measuring Range Diameter              | 0 mm - 100 mm                                                                          |
| Travel B                              | 0 ° - 90 °                                                                             |
| Travel C                              | 0 ° - 360 °                                                                            |
| Travel X                              | 0 mm - 350 mm                                                                          |
| Travel Y                              | -15 mm - 15 mm                                                                         |
| Travel Z                              | 0 mm - 350 mm                                                                          |
| Amount of Axes                        | 5 (X, Y, Z, B, C)                                                                      |
| Power Requirement (others on request) | 1 KW                                                                                   |
| Dimensions                            | Width: 850 mm, Height: 1950 mm, Depth: 900 mm                                          |
| Weight (approx.)                      | 800 kg                                                                                 |
| Disclaimer                            | All data are subject to change without notice.<br>Please verify details with OptoTech. |



## Highlights

- Rigid granite base and passive air dampers
- High precision radii slide in Z-Axis configuration
- Interferometer module in inverse design mounted on B-Axis
- Powerful interferometer modul (Inspect Mini) and compatible software solutions for evaluating your measurement results available
- High resolution swivel axis (B-Axis) for positioning the Interferometer unit perpendicular to the substrate surface
- Direct-driven rotation axis (C-Axis) to rotate high aperture spheres and plano surfaces in the optical path
- OptoTech Inspect Mini EL-F Digital 2" Fizeau-Interferometer module
- Compact design with integrated PC workstation
- Handling: Conventional (manual) or with automatic axis control by using  $\mu$ Stitch MSI-Software
- OptoTech Interferometer Software  $\mu$ Shape OWI for automatic lens evaluation

## Options

- Various fizeau reference spheres
- Tilting table for adjustment of plano surfaces
- Various workpiece holders: Collet chuck, 3 jaw chuck, HD12-, HD25 chuck



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