



OptoTech

# MSI 60

Multifunctional Stitching Interferometer for Optics up to  $\varnothing$  100mm  
and Plano Optics (option)

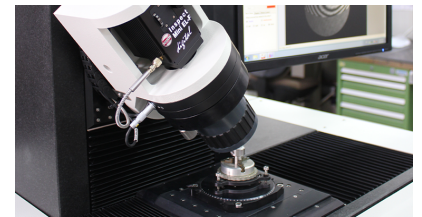
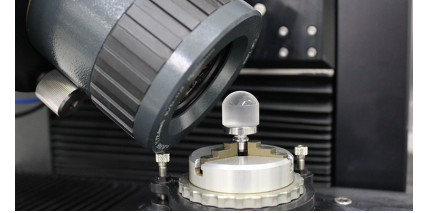


The new Multifunctional Stitching Interferometer MSI 60 was especially designed for testing high aperture spheres up to diameter 100 mm.



## 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. 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
- Different powerful interferometer module options (LT Ultra Modules 4" / 6" or Zygo QualiFire 4" / 6") 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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