



OptoTech

MSI 60

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

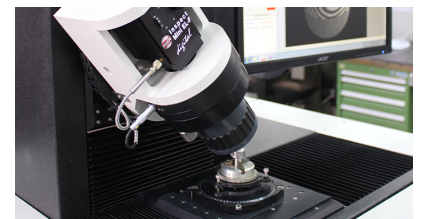
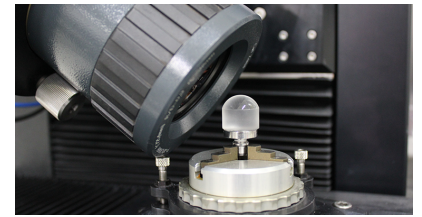


The new Multifunctional Stitching Interferometer MSI 60 was especially designed for testing high aperture spheres up to diameter 100 mm. Moreover, as an option, plano surfaces up to diameter 100 mm can be measured.



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
- 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 μ Stitch MSI-Software
- OptoTech Interferometer Software μ 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