



OptoTech

MSI 300

Multifunctional Stitching Interferometer

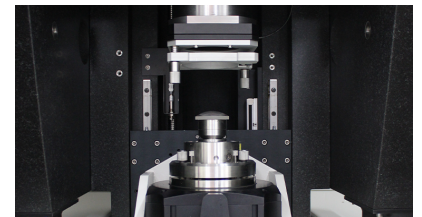
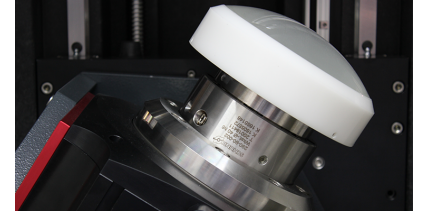


The new multifunctional Stitching Interferometer MSI 300 was especially designed for testing high aperture spheres up to diameter 300 mm.



Technical data

	MSI 300
Application	Multifunctional Stitching Interferometer
Measuring Range Diameter	0 mm - 300 mm
Travel B	-90 ° - 90 °
Travel C	0 ° - 360 °
Travel X	-150 mm - 150 mm
Travel Y	-25 mm - 25 mm
Travel Z	0 mm - 1000 mm
Amount of Axes	5 (X, Y, Z, B, C)
Power Requirement (others on request)	1 KW
Dimensions	Width: 1500 mm, Height: 2650 mm, Depth: 1500 mm; with IF-Module
Weight (approx.)	2500 kg
Disclaimer	All data are subject to change without notice. Please verify details with OptoTech.



Highlights

- The new multifunctional Stitching Interferometer MSI 300 was especially designed for testing high aperture spheres up to diameter 300 mm. Optional measuring of plano optics up to 300mm
- Rigid granite base and passive air bearings
- High precision radii slide in Z-Axis adjustment
- MAHR MarOpto FI 1100 Z Interferometer Module
- Interferometer module in inverse design with X/Y-Axis cross slide
- High resolution swivel axis (B-Axis) for positioning of high aperture spheres in the optical path
- Direct-driven rotation axis (C-Axis) to rotate high aperture spheres and optional plano surfaces in the optical path
- Standard workpiece holders HD-40 (others available as an option)
- OptoTech Inspect Mini EL-F Digital 4" Fizeau-Interferometer module (others on request)
- Compact design with integrated PC working place
- Handling: Conventional (manual) or with automatic axe control by using μ Stitch MSI-Software

Options

- Various Fizeau Reference Spheres
- Table for plano optics measurement up to \varnothing 300 mm
- Various workpiece holders



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