



OptoTech

MSI 300

Multifunctional Stitching Interferometer



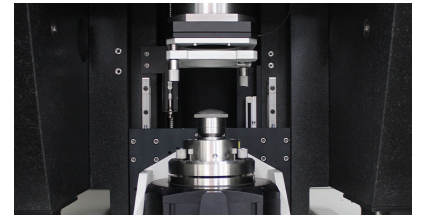
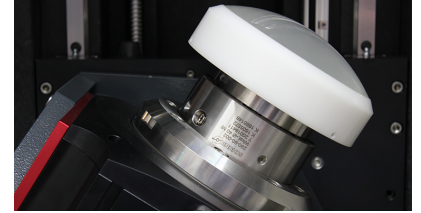
The new multifunctional Stitching Interferometer MSI 300 was especially designed for testing high aperture spheres up to diameter 300 mm.



OptoTech

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 Interferometer 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
- Rigid granite base and passive air bearings
- High precision radii slide in Z-Axis adjustment
- 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
- 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
- Standard workpiece holders HD-40 (others available as an option)
- 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



OptoTech