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MSI 300

Multifunctional Stitching Interferometer

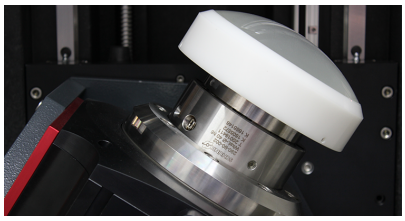


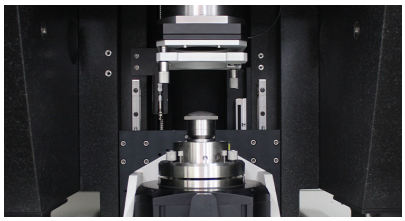
The new multifunctional Stitching Interferometer MSI 300 was especially designed for testing high aperture spheres up to diameter 300 mm.

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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" and DHS FI1100D 4") 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 µStitch MSI-Software

Options

- Various fizeau reference spheres
- Table for plano optics measurement up to Ø 300 mm
- Various workpiece holders

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