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Technical Data OptiCentric® 101 / 300

Parameter	OptiCentric® 101	OptiCentric® 300
Measurement accuracy in VIS range	< 0.1 µm	0.1 µm[1]
Lens rotation	Air bearing AB 100 Motorized lens rotation device	Air bearing AB 300 (option: lens rotation device)
Sample diameter	With air bearing AB 100: 225 mm (280 mm with restrictions) With lens rotation device: 200 mm	0.5 mm ... 400 mm
Max. sample weight	20 kg	100 kg
Linear stage	Motorized and PC-controlled	Motorized and PC-controlled
Measurement head for VIS spectral range[2)]	Electronic autocollimator Standard: 200 mm EFL	electronic ACM, 200 mm EFL
Light source[2)]	High power LED light source Standard: λ = 525 nm	High power LED light source
MWIR or LWIR measurement head		option
Dimensions (height x width x depth)		

1) In stable environment conditions in 100 mm height over the top surface of the air bearing
2) Other on request
3) Manual stage on request

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Technical Data OptiCentric® 300 UP / 600 UP / 800 UP

Parameter	OptiCentric® 300 UltraPrecision	OptiCentric® 600 UltraPrecision	OptiCentric® 800 UltraPrecision
Measurement accuracy in VIS range[1)]	0.1 µm	0.1 µm	0.1 µm
Air bearing	Ø 300 mm	Ø 600 mm	Ø 800 mm
Sample diameter	400 mm	700 mm	900 mm
Sample height	1,000 mm (others on request)	1,500 mm (others on request)	1,500 mm (others on request)
Max. sample weight	450 kg	900 kg	1,200 kg
Measurement head for VIS spectral range[2)]	Top: electronic ACM 500 mm EFL (Effective Focal Length) Bottom: electronic ACM, 300 mm EFL (Effective Focal Length)	Top: electronic ACM 500 mm EFL (Effective Focal Length) Bottom: electronic ACM, 300 mm EFL (Effective Focal Length)	Top: electronic ACM 500 mm EFL (Effective Focal Length) Bottom: electronic ACM, 300 mm EFL (Effective Focal Length)
Light source[3)]	Green high power LED	Green high power LED	Green high power LED

1) In stable environment conditions in 100 mm height over the top surface of the air bearing
2) Other on request
3) Manual stage on request

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