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# Technical Data OptiCentric®

| | OptiCentric® 100 3D | OptiCentric® 300 3D | OptiCentric® 100 Dual | OptiCentric® 300 Dual |
|---|---|---|---|---|
| Measurement accuracy in VIS range1) | 0.1 µm | 0.1 µm | 0.1 µm | 0.1 µm |
| Lens rotation | Air bearing AB 100<br>(option: lens rotation device) | Air bearing AB 300<br>(option: lens rotation device) | Air bearing AB 100 | Air bearing AB 300 |
| Sample diameter | 0.5 mm … 225 mm | 0.5 mm … 400 mm | 0.5 mm … 225 mm | 0.5 mm … 400 mm |
| Max. sample weight | 20 kg | 300 kg | 20 kg<br>2 kg with lens Rotation device | 300 kg |
| Linear stage | Motorized and PC-controlled | Motorized and PC-controlled | Motorized and PC-controlled | Motorized and PC-controlled |
| Measurement head for VIS spectral range2) | electronic ACM,<br>200 mm EFL | electronic ACM,<br>200 mm EFL | two electronic ACMs,<br>200 mm EFL | two electronic ACMs,<br>200 mm EFL |
| Light source3) | High power LED light source | High power LED light source | High power LED light source | High power LED light source |
| MWIR or LWIR measurement head | | | option | option |
| Measurement accuracy center thickness (OptiSurf® UltraPrecision) | 1 µm<br>(0.15 µm) | 1 µm<br>(0.15 µm) | | |

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

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