

Technical data OptiSurf®

	OptiSurf®	OptiSurf® Ultra Precision	OptiSurf® IR ²⁾
Measurement accuracy	1 µm ¹⁾	0.15 µm ¹⁾	Micrometer range ³⁾
Repeatability	0.5 µm	<0.075 µm	Micrometer range ³⁾
Wavelength of the light source	1.3 µm	1.3 µm	2.2 µm
Scanning range	Up to 800 mm optical distance, larger on request	Up to 800 mm optical distance, larger on request	Up to 400 mm optical distance, larger on request ³⁾
Sensors for temperature and air pressure	Option	Included	Option
Computer interface	USB	USB	USB
Camera-based alignment tool	Option	Yes	No
Laser class	1	1	1
Dimensions (h x w x d)	965 mm ... 1,240 mm x 370 mm x 560 mm	965 mm ... 1,240 mm x 370 mm x 560 mm	965 mm ... 1,240 mm x 370 mm x 560 mm
Weight	50 kg	50 kg	50 kg
Type	Table top device	Table top device	Table top device

1) According to 2σ criterion for measuring 100 mm air gap between optical flats

2) Available in combination with OptiCentric® only

3) Depends on sample