

TS-C400 Product Parameter



Reference Distance ^{*1}	10 mm
Measurement Range	±0.2 mm
Measurement Angle ^{*2}	±43°
Spot Diameter ^{*3}	Φ7/14/112 μm
Repeatability ^{*4}	12 nm
Linear Error ^{*5}	< ±0.12 μm
Outer Diameter*Length	φ40*99.4 mm
Weight	186 g
Minimum Measurable Thickness	5% of F.S.
Temperature Characteristics	<0.03% F.S./°C
IP Grade	IP40

*1 Calculated from the center position of the measurement range;

*2 Tilt test using standard flat mirror at 1kHz sample frequency;

*3 Measurement of sharp glass edges, verified with a sub-micron positioning accuracy motion platform and laser interferometer as the displacement reference, the spot diameter values correspond to the diameters of small spot/large spot/four-spot pattern;

*4 Measurement of standard silver-coated mirror, 1kHz without averaging, root mean square deviation of 10,000 continuous data sets;

*5 Calibration verification using high-precision nanoscale laser interferometer.

TS-C400 Product Dimension Drawing

