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Customized TriAngle® Solutions

TriAngle® LF with large field of view

The TriAngle® LF autocollimator has been designed for applications requiring a large measuring range without compromising the measurement accuracy and resolution. It comes with a specially calibrated large field sensor and optimized imaging optics.

TriAngle® F

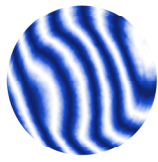
The TriAngle® F series is based on the standard TriAngle® design but employs focusing objective tubes for the measurement of slightly spherical mirror surfaces or some other systems with optical power.

TriAngle® NIR

The TriAngle® NIR autocollimators are based on the standard TriAngle® design but employ NIR LED illumination for the reticle. The NIR autocollimators are commonly used to measure surfaces with highly efficient anti-reflection coating in the visible spectrum or for applications which require the measurement at the design wavelength in the NIR.

Available Wavelengths: 740 nm, 780 nm, 850 nm, 910 nm, 940 nm, 950 nm.

Order Code: 3-105-061...069



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Customized TriAngle® Solutions Specification

TriAngle® LF Specification

Order Code	3-103-061-LF
Type	TA LF 100-38
Focal Length	100 mm
Measuring range (h × v) (1)	4° × 4°
Resolution	0.08"
Clear aperture	30 mm
Measuring accuracy	±1.0" within 80% measuring range
LED wavelength	530 nm, spectral half-width: 35 nm
Measuring rate	> 10 measurements / sec.

TriAngle® F Order Information

Order Code	Type	Focal Length (mm)	Focus Range (mm)
3-104-061	TA F 100-38±10	100	±10
3-104-062	TA F 150-38±10	150	±10
3-104-065	TA F 300-57±25	300	±25
3-104-066	TA F 500-57±50	500	±50
3-104-068	TA F 1000-115±50	1000	±50
3-104-069	TA F 1000-140±50	1000	±50

TriAngle® NIR

Available Wavelengths: 740 nm, 780 nm, 850 nm, 910 nm, 940 nm, 950 nm.

Order Code: 3-105-061...069