

# Technical Data Autocollimators

Type	Focal Length	Tube diameter	Clear Aperture	Field of View/ Measuring range	Resolution for reticle line width 10 $\mu$ m
ACM 100-38	100 mm	38.1 mm	30 mm	6°/3°	10 arcsec
ACM 150-38	150 mm	38.1 mm	30 mm	4°/2°	7 arcsec
ACM 200-38	200 mm	38.1 mm	30 mm	3°/1.5°	5 arcsec
ACM 300-38	300 mm	38.1 mm	30 mm	2°/1°	3.5 arcsec
ACM 300-57	300 mm	57.15 mm	50 mm	2°/1°	3.5 arcsec
ACM 500-57	500 mm	57.15 mm	50 mm	1.2°/0.6°	2 arcsec
ACM 1000-115	1000 mm	115 mm	100 mm	0.6°/0.3°	1 arcsec
ACM 1000-140	1000 mm	140 mm	125 mm	0.6°/0.3°	1 arcsec

# Technical Data Focusing Autocollimators

Type	Focal Length	Tube diameter	Clear Aperture	Field of View	Focusing Range
ACM F 100-38 ±10	100 mm	38.1 mm	30 mm	6°/3°	∞ ... ±1 m
ACM F 150-38 ±10	150 mm	38.1 mm	30 mm	4°/2°	∞ ... ±2.25 m
ACM F 200-38 ±10	200 mm	38.1 mm	30 mm	3°/1.5°	∞ ... ±4 m
ACM F 300-38 ±10	300 mm	38.1 mm	30 mm	2°/1°	∞ ... ±9 m
ACM F 300-57 ±25	300 mm	57.15 mm	50 mm	2°/1°	∞ ... ±3.6 m
ACM F 500-57 ±50	500 mm	57.15 mm	50 mm	1.2°/0.6°	∞ ... ±5 m
ACM F 1000-115 ±50	1000 mm	115 mm	100 mm	0.6°/0.3°	∞ ... ±20 m
ACM F 1000-140 ±50	1000 mm	140 mm	125 mm	0.6°/0.3°	∞ ... ±20 m

# Technical Data Large Field Autocollimators

Type	Focal Length	Tube diameter	Clear Aperture	Field of View / Measuring range	Resolution for reticle line width 10µm (arcsec)
ACM 300-57 LF	300 mm	57,15 mm	50 mm	3°/1,5°	>3,5 arcsec
ACM 500-57 LF	500 mm	57,15 mm	50 mm	1,8°/0,9°	>2 arcsec
ACM 1000-115 LF	1000 mm	115 mm	100 mm	0,9°/0,45°	>1 arcsec
ACM 1000-140 LF	1000 mm	140 mm	125 mm	0,9°/0,45°	>1 arcsec

# Technical Data Focusable Large Field Autocollimators

Type	Focal Length	Tube diameter	Clear Aperture	Field of View / Measuring range	Resolution for reticle line width 10 $\mu$ m (arcsec)	Focusing Range
ACM 300-57 LF	300 mm	57.15 mm	50 mm	3°/1.5°	>3.5 arcsec	$\infty$ ... $\pm 3.6$ m
ACM 500-57- LF	500 mm	57.15 mm	50 mm	1.8°/0.9°	>2 arcsec	$\infty$ ... $\pm 5$ m
ACM 1000- 115 LF	1000 mm	115 mm	100 mm	0.9°/0.45°	>1 arcsec	$\infty$ ... $\pm 20$ m
ACM 1000- 140 LF	1000 mm	140 mm	125 mm	0.9°/0.45°	>1 arcsec	$\infty$ ... $\pm 20$ m