



Opto Alignment

IAM-BT™

Image Analysis Measurement in a Bench-Top Platform

- Offers transmission measurement of on-axis MTF, EFL, BFL wedge, beam deviation and optional reflection measurement of FFL, CT and ROC with market leading accuracy in a user-friendly package
- Built on same proven, high-stability, high-precision platform as the LAS-BT
- Self-centering lens clamp with precision x/y micrometer adjustment and integrated mechanical rotary turntable for quick lens centering and accurate beam deviation measurement
- Under table collimator ($f = 200\text{mm}$) with precision circular aperture reticle permits simultaneous calculation of EFL and tan/sag on-axis MTF
- Optional f-matching objectives (20mm to 400mm), in combination with an ultra-small-pixel CMOS camera, allow for optimizing measurement sensitivity over a wide range of focal lengths
- Intuitive IAM software user-interface (UI) provides customers with easy-to-use, yet powerful, operation for quick set-up and efficient measurement reporting



CalcuImage™ Application Software for IAM

MTF Measurement Tab:

Beam Deviation Measurement:

Technical Specifications:

Common Technical Specs	
MTF Accuracy (up to 150 lp/mm)	2%
EFL Accuracy	0.03% → 0.3%
Wavelength	520 nm

	IAM-BT	LAS-BT 533mm	LAS-BT 633mm	LAS-P 1000mm	LAS-P 1500mm	LAS-P 2000mm
Clear Aperture	22 mm			24 mm		
Measurement Range	20 mm Objective	+ 5mm → +50mm - 5mm → -15mm				
	40 mm Objective	+ 10mm → +130mm - 10mm → -35mm				
	125 mm Objective	+ 30mm → +320mm	+ 30mm → +220mm	+ 30mm → +320mm - 30mm → -120mm		
	150 mm Objective	+ 35mm → +390mm	+ 35mm → +195mm	+ 35mm → +295mm	+ 35mm → +390mm - 35mm → -145mm	
	400 mm Objective	+ 100mm → +140mm	N/A	N/A	+ 100mm → +410mm	+ 100mm → +910mm