

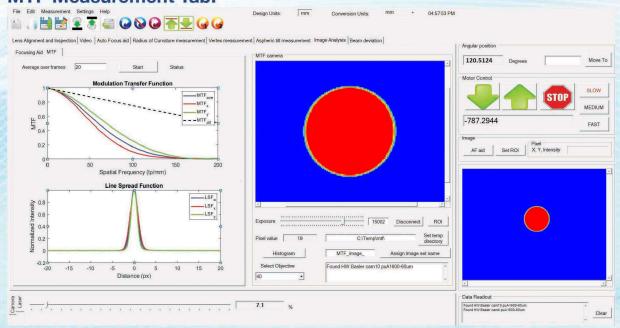
IAM-BTTM

Image Analysis Measurement in a Bench-Top Platform

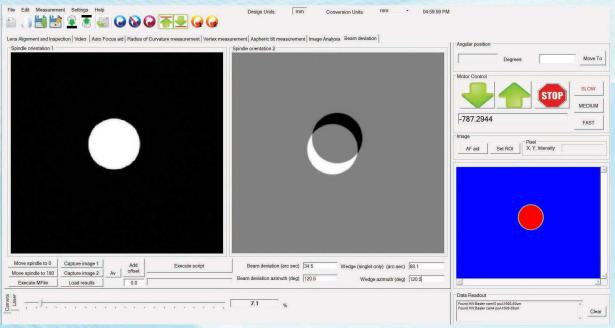
- Offers transmission measurement of on-axis MTF, EFL, BFL wedge, beam deviation and optional reflection measurement of FFL, CT and ROC with market leading accuracy in a user-friendly package
- Built on same proven, high-stability, high-precision platform as the LAS-BT
- Self-centering lens clamp with precision x/y micrometer adjustment and integrated mechanical rotary turntable for quick lens centering and accurate beam deviation measurement
- Under table collimator (f = 200mm) 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

IAM-BT

Calculmage[™] 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	n → +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	+ 100mm → +1040mm
		- 100mm → -395mm					