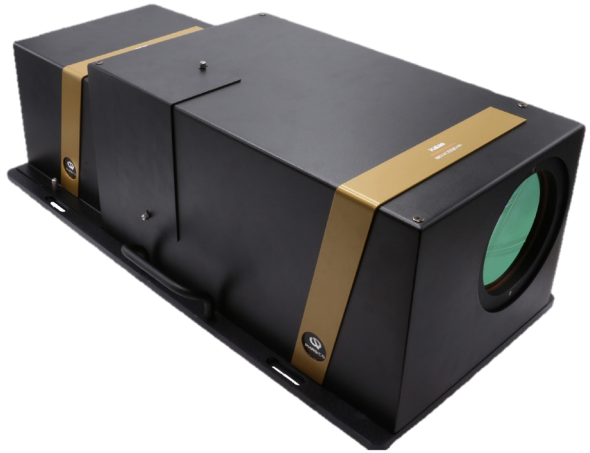




KALAS

LARGE BEAM ANALYSIS WITH SID4

SPECIFICATIONS

Compatibility

SID4 / SID4 HR / SID4 UHR
SID4 SWIR / SID4 SWIR HR

Entrance pupil diameter

8 mm / 15mm / 25.4 mm / 50.8 mm / 101.6 mm / 127 mm
Larger diameter available upon request

Source wavelength

405 / 530 / 625 / 740 / 780 / 810 / 850 / 940 / 1050 / 1550 nm
More wavelengths available upon request

Accuracy

< 15 nm RMS

Weight

< 15 kg

Dimensions

450 x 350 x 250 mm³

KEY FEATURES



All the modules are
standalone



Beam diameter up to
127 mm



Divergence, M² &
WFE

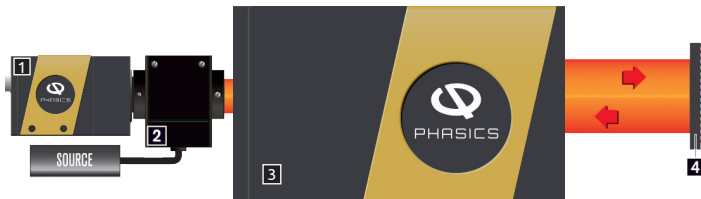
5'' BEAM WAVEFRONT IN ONE SHOT

KALAS is a modular solution to characterize beams of up to 127mm (5'') with high accuracy (<15 nm RMS). All the modules can be used as standalone systems and replaced within KALAS without alignment, including the wavefront sensor.

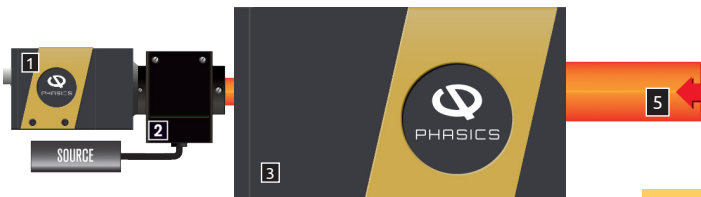
Embedding all the advantages of PHASICS technology, KALAS enables to easily perform the full characterization of your beam under test. In a single-shot, Kalas measures wavefront and intensity, and calculates divergence, waist dimensions, M^2 , and all the relevant information to fully qualify your beam.

HOW IT WORKS : 2 STEPS

→ Calibrate the aberrations from the measurement system



→ Characterize your beam



- 1 SID4 Wavefront sensor
- 2 R-Cube Illumination module
- 3 Beam expander
- 4 Reference flat mirror
- 5 Incident beam under test



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