Kaleo Kit

Fully modular metrology solution from UV to IR

PHASICS
the phase control company

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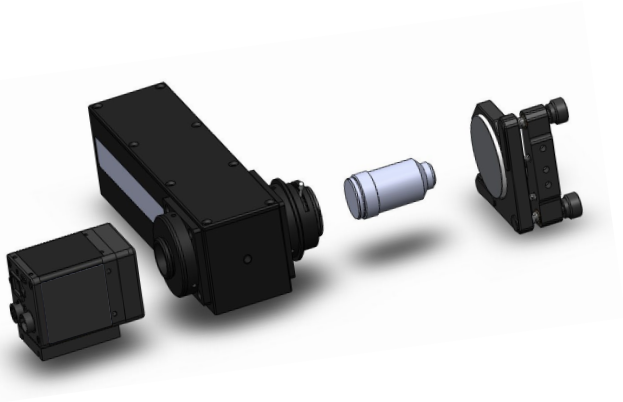
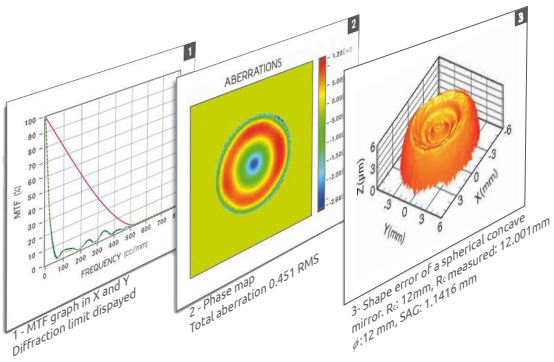


ASSEMBLE YOUR OWN MODULAR METROLOGY SYSTEM...

With the rise in complexity of optical systems, metrology teams often need **specific measurement parameters** (test wavelength, accuracy, resolution, relevant outcomes…). PHASICS answers this challenge with **Kaleo Kit**, its modular system for optics qualification.

Kaleo Kit is the combination of a broad range of compatible modules, that let you create a **cost-effective, compact, and easy-to-use system** that can adapt to a wide range of measurement configurations and ensure the quality of your sample at all development stages.

Access all the characteristics of your sample in a **single shot acquisition**: TWE, RWE, wavefront aberrations, MTF, PSF, and a lot more!



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... IN JUST 3 EASY STEPS

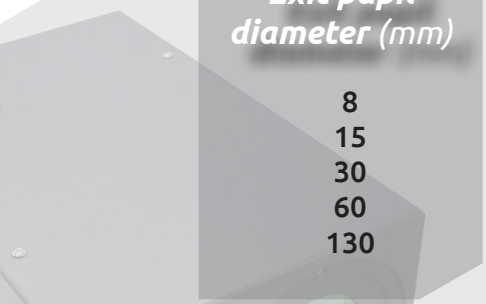
1 Choose YOUR Wavefront Sensor

SID4 Model	Spectral Range (nm)	Sampling (px)
SID4-UV	250-400	250x250
SID4	400-1100	160x120
SID4-HR	400-1100	400x300
SID4-SWIR	900-1700	80x64
SID4-SWIR-HR	900-1700	160x128
SID4-DWIR	3000-5000	160x120

2 Select YOUR R-Cube

Wavelength * (nm)	
365	810
405	850
530	940
625	1050
740	1550
780	3900

3 Shape YOUR beam



Beam Expander * Exit pupil diameter (mm)

8
15
30
60
130

OR

Focusing System * F#

0.6
1
1.6
2.5
5
10

+ Reference mirror (flat or sphere)

* more options upon request

ACCORDING TO YOUR SPECIFIC REQUIREMENTS

VERSATILE

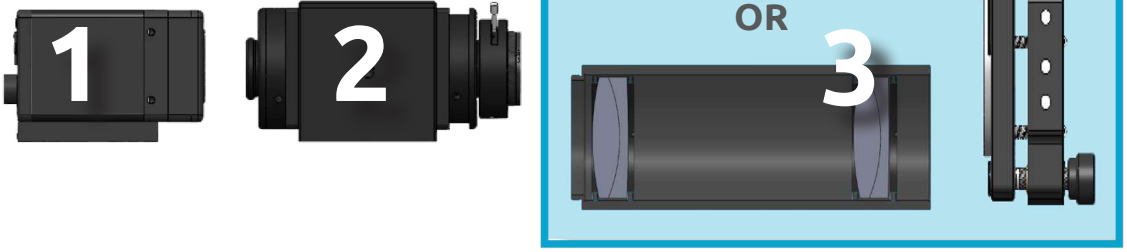
- Available from UV to IR
- Modules compatible with stand-alone use
- All measurement configurations: finite-finite, infinite-finite...
- Same modules fit for different setups

POWERFUL UNIQUE TECHNOLOGY

- High resolution
- Dedicated to large aberrations measurement
- Achromatic measurement: for any test wavelength
- Nanometric sensitivity

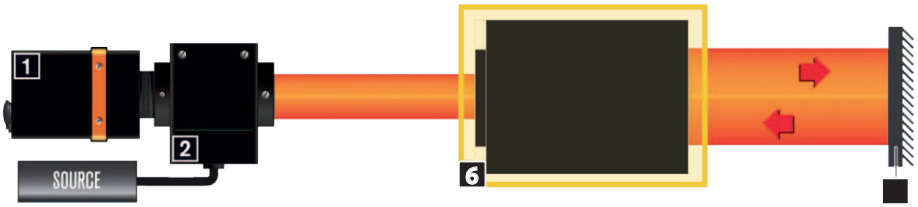
EASY-TO-USE

- Compact
- Designed for easy alignment
- Quick access to all results

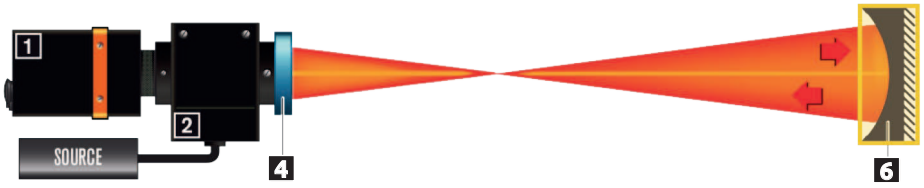


ADAPTED TO ALL APPLICATIONS

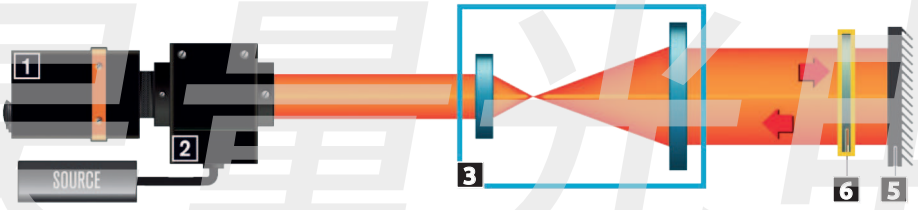
- Telescope alignment and characterization



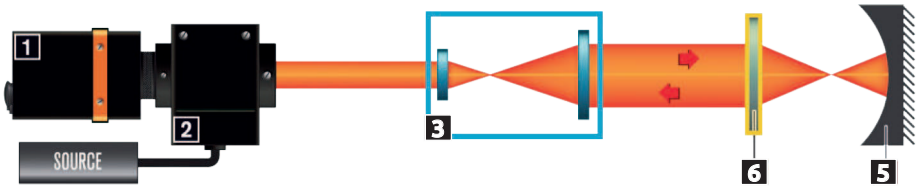
- Concave mirror measurement



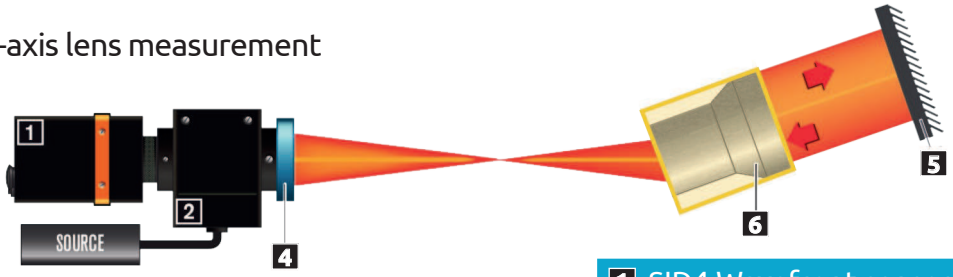
- Large diameter flat optics characterization: Filters, Windows, Polarizing optics



- Large diameter lens & objective measurement in any configuration



- Off-axis lens measurement



Kaleo Kit modules

1. SID4 Wavefront sensor
2. R-Cube
3. Beam expander
4. Focusing system
5. Reference mirror
6. System under test

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