

HASO^{SWIR} R.FLEX2

**FOR $\lambda = 1.0 - 1.7 \mu\text{m}$
WITH $\lambda/200$ RMS ACCURACY**

**LARGE RANGE OF F/#
AVAILABLE**

**COMPACT AND ROBUST
FOR EASY INTEGRATION**

**UP TO 150 Hz
ACQUISITION FREQUENCY**

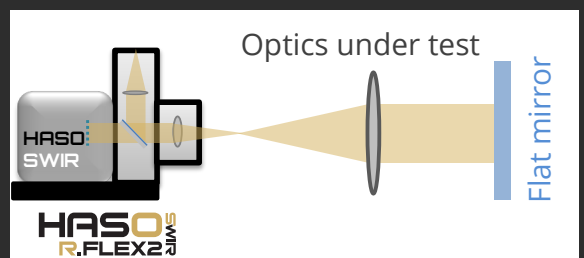


SWIR wavefront and MTF measurements for characterizing optical components, such as lenses, filters, waveplates, telescopes and complex optical systems

A UNIQUE SET OF ADVANTAGES

- $\lambda/200$ rms measurement accuracy in double-pass configuration
- Collimated or diverging exit beam with the F/# that matches to optics under test
- Highly accurate wavefront analysis even with central obscuration and/or spider-beam types
- Insensitive to vibrations and atmospheric turbulences
- Removable wavefront sensor for using it as a stand-alone unit
- Several accessories available, such as laser diode light sources, reference mirrors for calibration and translation stages

Example of measurement configuration



R.FLEX2 SWIR

LARGE APERTURE

FOR $\lambda = 1.0 - 1.7 \mu\text{m}$
WITH $\lambda/200$ RMS ACCURACY

VARIOUS BEAM SIZE
AVAILABLE

EASY R-FLEX2 SWIR
INTEGRATION

UP TO 150 HZ
ACQUISITION FREQUENCY

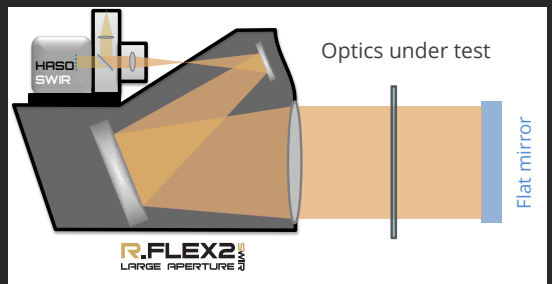


**SWIR wavefront sensor with light source & beam expander
for large flat wavefront & surface analysis**

A UNIQUE SET OF ADVANTAGES

- The HASO R-FLEX2 SWIR with a compact beam expander
- Wavefront and MTF measurements
- Customizable output beam size
- Detachable HASO R-FLEX2 SWIR for using with another beam expander or R-FLEX focusing modules
- Bundled with WaveView, the industry's most advanced metrology software and WaveKit (Software Development Kit) in C/C++, LabVIEW and Python

Example of measurement configuration



Applications : 1.55 μm optics/system inspection, qualification of filters, optical windows, flat mirrors...

Contact us for more information: contact@imagine-optic.com or +33 1 64 86 15 60