

R.FLEX

LARGE APERTURE

FROM 400 TO 1100 nm
WITH $\lambda/200$ RMS ACCURACY

INSENSITIVE
TO VIBRATION

UP TO 21000
SAMPLING POINTS

UP TO 1 kHz
ACQUISITION FREQUENCY



Shack-Hartmann wavefront sensor with an integrated light source and a beam expander for large flat wavefront or surface analysis

A UNIQUE SET OF ADVANTAGES

- HASO R-FLEX2 with a compact beam expander
- Customizable output beam size up to 150 mm
- Detachable HASO R-FLEX2 for using with another beam expander or R-FLEX2 focusing modules
- Suitable for fibre light sources in the 400-1100nm wavelength range
- Bundled with WaveView, the industry's most advanced metrology software and WaveKit (Software Development Kit) in C, MATLAB, and LabVIEW

APPLICATIONS

Wavefront inspection of

- filters
- dichroic beam splitters
- head up displays
- eyewear
- flat mirrors
- optical windows
- polarization scramblers...

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

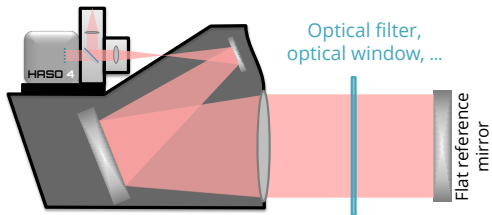
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Measurement configurations

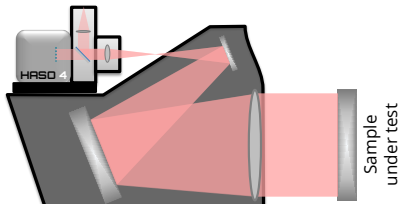
Applications

Window characterization (in transmission)



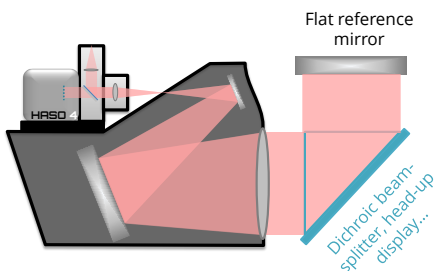
- Filters, Beam-splitters (dichroic)*
- Windows, Head-up displays*
- Crystal rods, Eye protection glasses*

Mirror or filter characterization (in reflection)



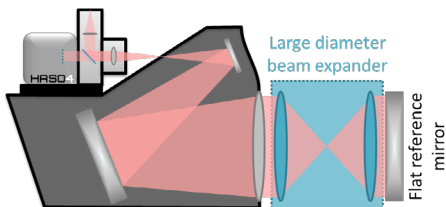
- Flat mirrors*
- Filters*
- Beam-splitters (dichroic)*

Dichroic characterization (in reflection)



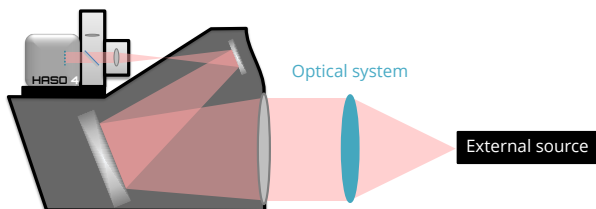
- Dichroic beam-splitters*
- Beam-splitters*
- Head-up displays*

Beam expander characterization



- Beam expanders*
- Afocal optical systems*

Large collimated beam analysis



- Optical systems with an external light source*
- Laser beams*

Available aperture diameters	30mm, 75mm, 100mm, or on demand
Key features	Multiwavelengths (400-1100 nm) Large aperture Polarization control Insensitive to vibration Easy to use