



**PHASICS**  
The phase control company

# SID4-UV-HR

## UV WAVEFRONT SENSOR SENSITIVE DOWN TO 190 NM

Based on Phasics patented technology, the SID4 UV-HR wavefront analyzer offers both an unrivalled high resolution (355x280 measurements points) and a very great sensitivity (1 nm RMS) in the ultraviolet spectrum from 190 nm to 400 nm. Consequently, the SID4 UV-HR is perfectly adapted for optical components characterization (used in lithography, semiconductor...) and surface inspection (lens and wafers...).

**APPLICATIONS:** [Laser industry](#) | [Astronomy](#) | [Semiconductor](#) | [Aerospace](#)

### SPECIFICATIONS

Wavelength range	190 - 400 nm
Aperture dimensions	13.8 x 10.88 mm <sup>2</sup>
Phase spatial resolution	40 μm
Phase & Intensity sampling	355 x 280
Resolution (Phase)	1 nm RMS
Accuracy (Absolute)	10 nm RMS
Acquisition rate	30 fps
Real-time processing frequency	> 3 fps (full resolution)*
Interface	CameraLink
Dimensions	51 x 51.1 x 76 mm <sup>3</sup>
Weight	~ 300g

\* with SID4 software