



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 ² |
| 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 ³ |
| Weight | ~ 300g |

* with SID4 software