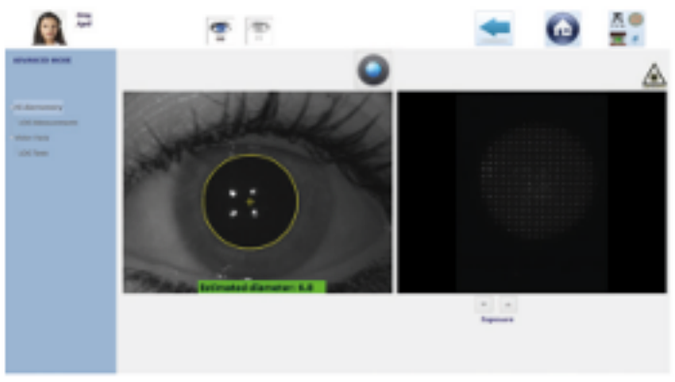
VAO BY VOPTICA

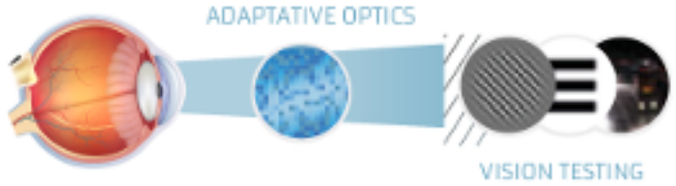
CE 0476

The Visual Adaptive Optics simulator opens a new era in vision testing

MEASUREMENT



SIMULATION/ DIAGNOSIS



TREATMENT

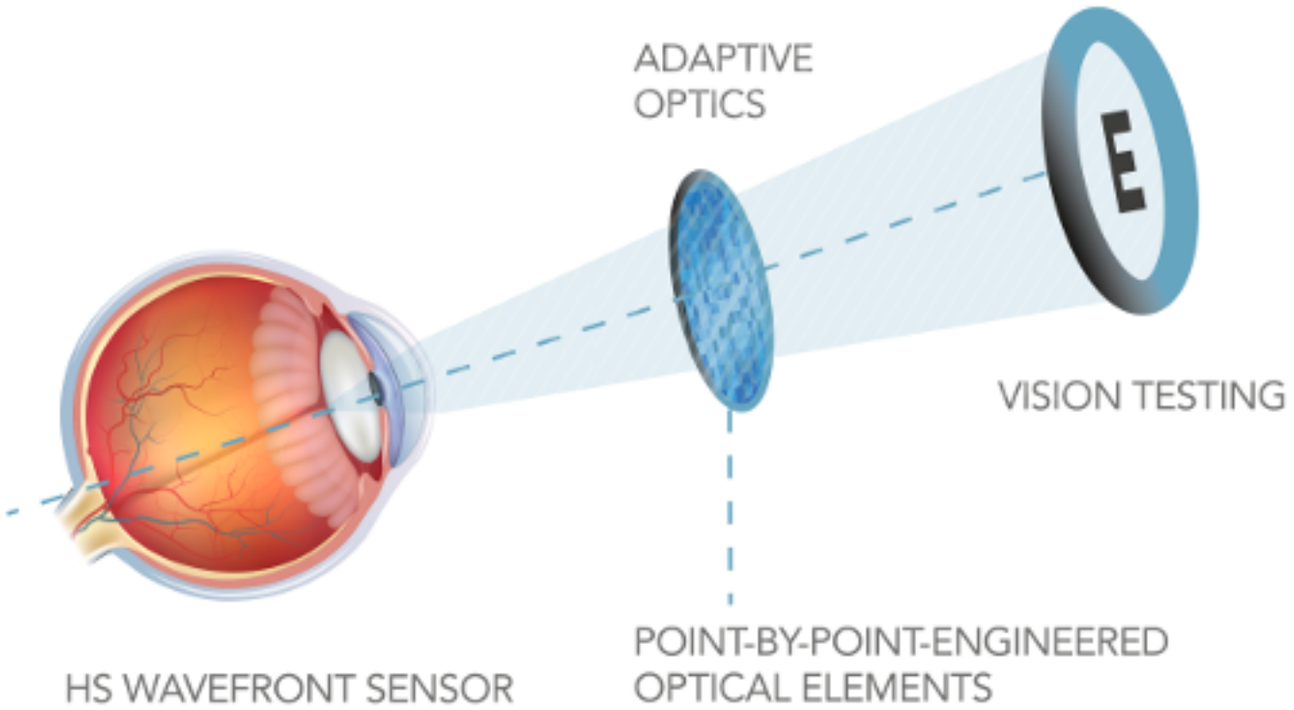
FOLLOW UP

VAO surpasses the sum of the traditional measurement diagnosis devices

	Phoropter	Auto-Refractor	Aberrometer	VAO
Objective Refraction	✗	✓	✓	✓
Objective Refractions + HOA*	✗	✗	✓	✓
Subjective Refraction	✓	✗	✗	✓
Subjective Refraction + HOA*	✗	✗	✗	✓
Simulation of premium optical solutions (including IOLs)	✗	✗	✗	✓

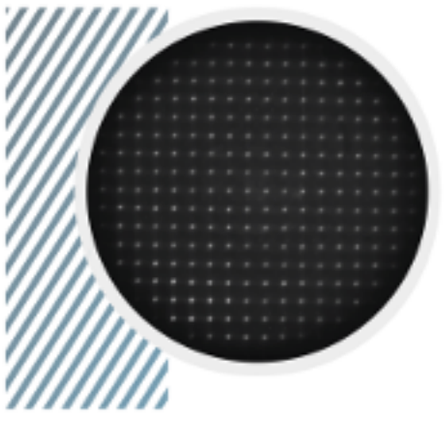
*High Order Aberrations.

FULL CONTROL OVER THE TEST AND THE OPTICS FOR A TRUE-TO-LIFE EXPERIENCE



Wavefront aberrometer

"Reliable wavefront sensor"
Complete and accurate objective characterization of the eye's optics based on Hartmann-Shack technology. It measures refraction and high order aberrations of the whole eye.

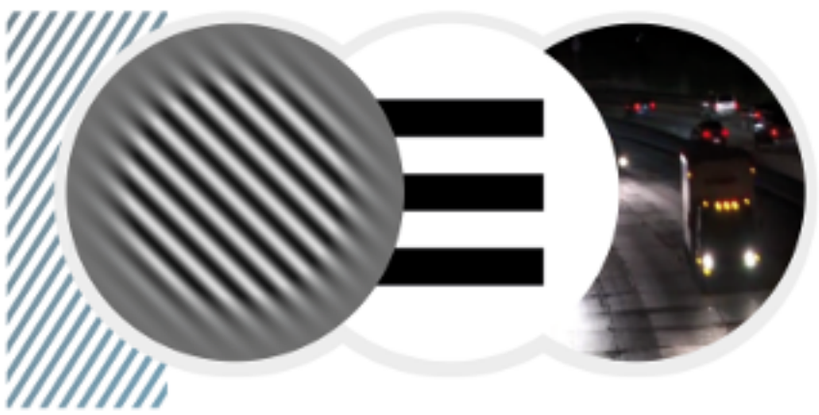


AO*-Guided refinement

"The most sophisticated and complete subjective refraction including HOA"
Adaptive optics enables a subjective assessment of the refraction with unprecedented precision. It allows you to correct and induce high order aberrations.

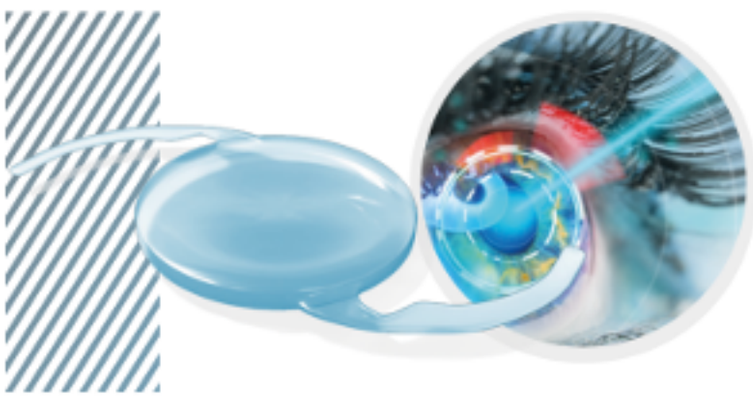
Vision testing

"Different Optotypes at the touch of a finger"
A variety of vision tests e.g. contrast sensitivity, tumbling E, Sloan letters, night driving videos, can be displayed at any possible distance (far, intermediate, near, etc.) with full control of the patient´s optics.



Real vision experience

"Advanced optical solutions testing"
VAO offers the possibility of measuring visual acuity, CSF, etc., under a variety of controlled conditions such as multifocal IOLs, induced spherical aberration, HOA correction, among others. The patient can experience the optimal solution before surgery.



MP-HD_003

*Adaptive Optics.

VOPTICA
SMART VISUAL OPTICS

www.voptica.com
info@voptica.com
T. +34 868 954 817

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