

Contact Lens Module

Ideal Contact Lens Fitting - Improving First-Time Fit



Ocular Measurement Device



Simple. Fast. Accurate.

Volk Eye Check Contact Lens Module provides accurate measurements of the key parameters needed for professional fitting of contact lenses. These measurements are a useful aid in standard and specialty contact lens fitting and optical design.

PRIMARY FUNCTIONS

- > Effectively screens patients whose eye parameters, such as cornea size, pupil size, and pupil position, require non-standard lens parameters and optics.
- > Improves fit of standard and specialty soft and rigid contact lenses by providing accurate and objective data on the following key parameters –
 - Horizontal Visible Iris Diameter (HVID), Vertical Iris Diameter, and Diagonal Iris Diameter
 - Pupil size and pupil size difference
 - Lid positions - pupil center to upper/lower lids for each eye
 - Sagittal height
 - Pupil eccentricity

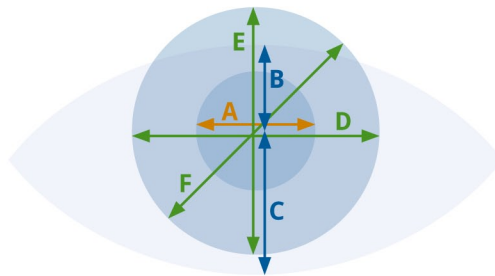
BENEFITS

- > Reduce drop-out rates by quickly pointing to the best fit lens.
- > Eliminate costly and time-consuming trial and error.
- > Help to accurately fit specialty lenses: progressive, RGP, scleral, etc.
- > Easily used by a technician.
- > Improves office work flow by freeing time for OD or MD.
- > Measurement data is transferable directly to contact lens manufacturers for custom design lenses with optimal fit and optical performance
- > Cost effective aid for contact lens fitting.

- Patient report -
**Contact Lens
 Measurements**



Patient ID ellis
Age 23
Gender Female
Session date 16/10/2014 - 10:26



RIGHT		LEFT
4.75 mm	A. Pupil Diameter	5.22 mm
5.36 mm	B. Pupil Center to Upper Lid	4.83 mm
5.26 mm	C. Pupil Center to Lower Lid	4.83 mm
12.26 mm	D. Horizontal Visible Iris Diameter	12.26 mm
11.35 mm	E. Vertical Iris Diameter	11.35 mm
11.78 mm	F. Diagonal Iris Diameter	11.78 mm
2.30 mm	Corneal Sag	2.35 mm
0.37 mm	Vertical Pupil Eccentricity	0.23 mm
0.42mm	Horizontal Pupil Eccentricity	0.61 mm

Inter-Pupil Distance	60.5 mm
Pupil Diameter Difference	0.47 mm
HVID Difference	0.00 mm
Brightness	60