



# AcuTarget HD™



**Advanced Diagnostic & Surgical Planning Instrument**  
*for Optimizing KAMRA™ Inlay Outcomes*



0.500 0.250 0.000 -0.250 -0.500 -0.750 -1.000 -1.250

3.24 2.06 2.05 2.01 4.23 3.76 4.01

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## Comprehensive Diagnostic & Surgical Planning

The AcuTarget HD is the instrument you can trust to guide you through

**Patient Selection**  
**Surgical Planning**  
**Post-op Care**

With the AcuTarget HD™ you have the powerhouse of **five separate diagnostic tools combined into one** state-of-the-art instrument. It's designed to optimize clinical outcomes by:

- **Providing** objective and reliable measurements to ensure you are targeting the right patients
- **Identifying** unique optical landmarks to assist with inlay centration planning
- **Supporting** the management of patient care post-operatively

### REWARDS

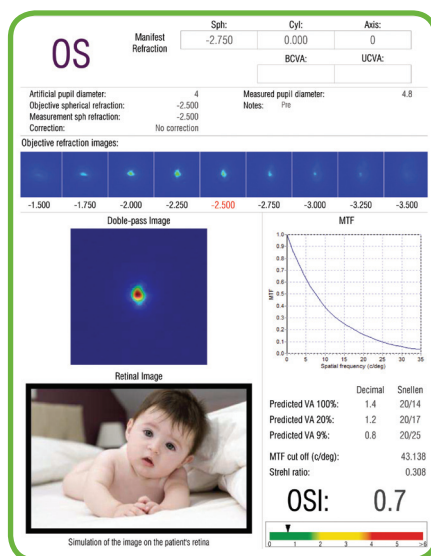
#### Ideal Patient Selection

- Reduces chair time
- Optimizes visual outcomes
- Accelerates patient referrals
- Grows the presbyopic practice

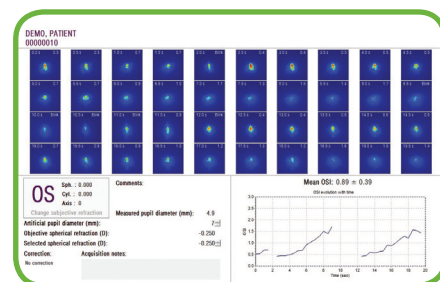
## Targeted Patient Selection

The AcuTarget HD helps identify factors that may impact visual outcomes by:

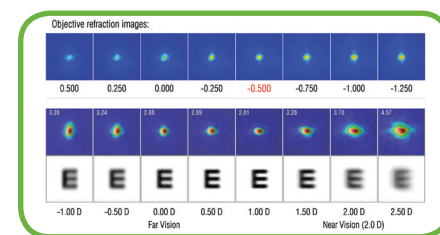
- **Evaluating** the quality of vision, including objective scatter index (OSI), which is usually unaccounted for by wavefront aberrometers
- **Assessing** tear film quality over time
- **Measuring** pseudo accommodation to visually demonstrate depth-of-focus



Objective Scatter Index (OSI)



Tear Film Quality

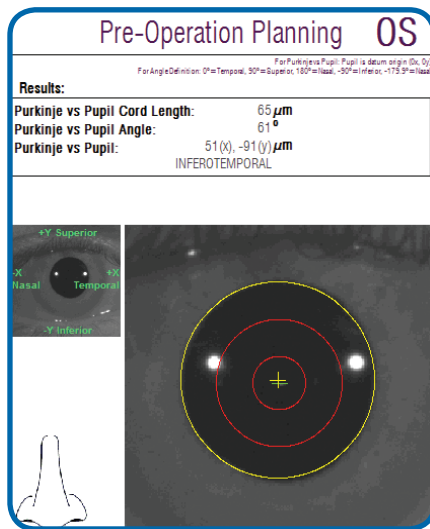


Pseudo Accommodation

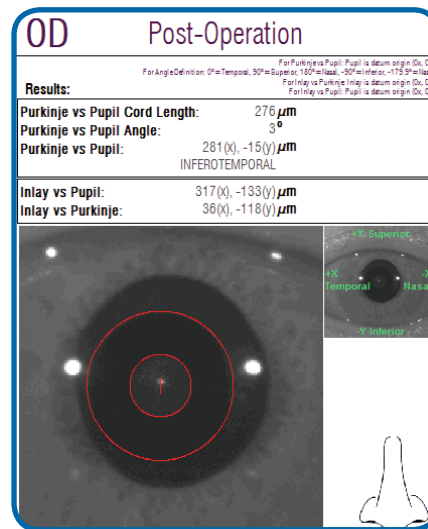
## Precise & Reliable Surgical Planning

As with other refractive procedures, achieving the best possible visual outcomes with the small-aperture KAMRA™ inlay requires precise pre-operative testing, centration and post-operative monitoring. The AcuTarget HD™ delivers reliable and repeatable diagnostic information unique to each patient by:

- **Capturing** the patient's estimated line of sight based on 1st Purkinje reflex, pupil boundary and pupil centroid
- **Pinpointing** the exact inlay position relative to the 1st Purkinje reflex, pupil center, pupil boundary and limbus
- **Reporting** actual inlay placement in microns
- **Offering** real-time information to help manage the patient's care



Pre-Operative Planning



Post-Operative Measurements

### REWARDS

#### Precise Surgical Planning

- Precise inlay placement
- Consistent visual outcomes
- Fewer enhancements

## Personalized Patient Care

During the post-operative period, the AcuTarget HD will help you manage the patient's care. And, if optimal outcomes are not achieved, it will help you identify and address the root cause. Specifically, this instrument can aid you in:

- **Determining** if the patient is compliant with their eye drop regimen
- **Confirming** the desired inlay placement was achieved
- **Finding** other potential reasons for less than desired optical quality

### REWARDS

#### Personalized Patient Care

- Empowers patients to better understand their vision
- Reinforces realistic patient expectations
- Demonstrates the need for eye drop compliance

# AcuTarget HD™



## Advanced Data Management

Efficient patient record storage on laptop  
Searchability  
Offline access & planning  
Portable: data can be exported to USB

## Technical Specifications

Measurement range: Min. +5.00 D to -8.00 D S.E.  
Reproducibility: +/- 0.25 D  
Accuracy: +/- 0.25 D  
Natural pupil Ø measurement: Automatic  
Accuracy: +/- 0.5 mm (for an 8 mm pupil)  
Artificial pupil Ø: 2 to 7 mm  
Image capture time: 240 ms  
Laser diode wavelength: 780 nm  
Best focus position: Automatic

## General Specifications

Size: 415 (L) x 350 (W) x 530 (H) mm  
Recommended working space: 2.5 m<sup>2</sup>  
Weight: 20 Kg  
External Power supply:  
Input: 100-240 V, 1.22-0.68 A, 47-63 Hz  
Output: +5 V DC, 5.0 A+12 V DC, 3.0 A 40 W max.

The AcuTarget HD™ was developed by Visiometrics in collaboration with AcuFocus. Visiometrics is an optical science company, based outside of Barcelona, Spain, and developers of the OQAS technology and HD Analyzer. The AcuTarget HD is distributed by AcuFocus, Inc.

**Distributor Contact Information:** AcuFocus, Inc. • 32 Discovery #200 • Irvine, CA 92618 • Telephone: 1-949-585-9511 • [www.AcuFocus.com](http://www.AcuFocus.com)

**Manufacturer Contact Information:** Visiometrics, S.L. • Ctra. N-150, Km 15 • Mòdul TR20, IPCT • E-08227 Terrassa (Spain) • Telephone +34 93 736 3210 • [www.visiometrics.com](http://www.visiometrics.com)

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