

From Eye to Insight

*Leica*  
MICROSYSTEMS

# SEE BEYOND

The New Proveo  
Ophthalmology Platform



# THE NEW PROVEO – SEE BEYOND

21% longer net reach  
than similar products\*\*

## BEYOND VISION



Seeing the whole picture is the best start to achieving the best results. To give you maximum vision, the new Proveo platform goes beyond conventional visualization. Innovative optical technology delivers consistent, uncompromised images for anterior and posterior surgery. With superior image quality and advantages that you will benefit from on a daily basis, the Proveo pushes the boundaries of sight.



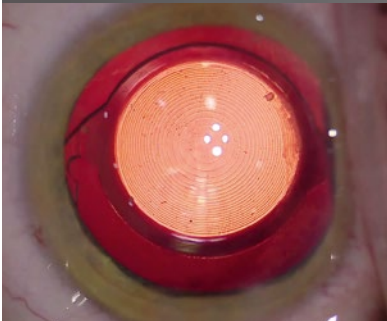
### Rely on consistent red reflex

Proveo delivers **stable, bright red reflex and image contrast**, even during phacoemulsification, thanks to CoAx 4 illumination which utilizes four individual coaxial beam paths and an adjustable field of illumination diameter.

#### LEICA EXCLUSIVE TECHNOLOGY

##### Adjustable CoAx 4 Illumination

1. Perpendicular entrance to the retina
2. Equal optical performance for each beam path
3. Straight red reflex for all observers
4. Adjustable field of illumination diameter

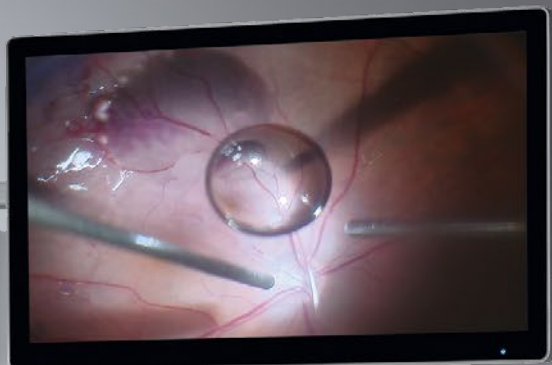


### Share the benefits

Due to CoAx 4 illumination and a linked zoom system, the Proveo platform ensures your assistant sees the exact same uncompromised image and stable red reflex with identical magnification, enhancing learning and surgical support.



# "You can't treat what you can't see."



HD 2D and 3D  
touch screen available

PROVED

Streamlined, modular stand for  
integration of today's and tomorrow's  
imaging technologies

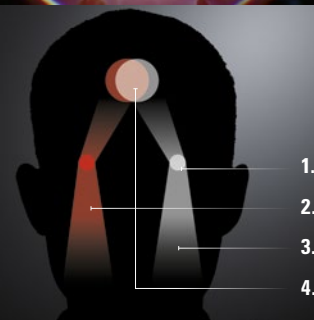
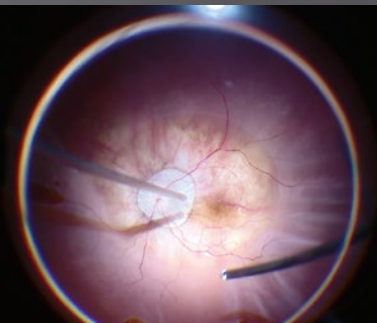
## Benefit from a texture-rich view

Exclusive FusionOptics technology unites **40% increased depth of field\*** and high resolution for a crisp, texture-rich image. See all the detail you need from the periphery to the membrane layers without refocusing.

### LEICA EXCLUSIVE TECHNOLOGY

#### FusionOptics

1. Two separate beam paths
2. One beam path provides greater depth of field
3. The other beam path provides high resolution
4. The brain merges the two images into a single, optimal spatial image



33% smaller footprint than similar products\*\*

Highly efficient for today's challenges  
yet open for tomorrow's technologies.

## BEYOND EASE



Experience a new way of working that provides you and your team with a relaxed, efficient surgical workflow. You can remain focused on your surgery, confident that your equipment is ready and reliable.



### Comfortable, efficient work

- > Pre-program your settings by procedure and surgery phase, then control via wireless footswitch for uninterrupted workflow. Confirm settings with one glance to the surgeon information panel.



### Maneuver with ease

- > Position your microscope and work with ease due to 21% longer reach and 33% smaller footprint.\*
- > Electromagnetic brakes and internally routed cables deliver smooth maneuverability.

## BEYOND TOMORROW



The Proveo platform delivers state-of-the-art solutions that stay state-of-the-art. The sleek, fully integrated design of the Proveo microscope houses a highly modular structure that can be individually configured to meet your imaging and guidance needs today and tomorrow.



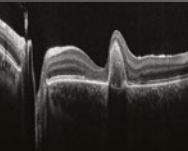
### Get a new OR perspective

- > Operate "heads-up" looking directly at a 3D monitor and you and your team benefit from enhancements to workflow, comfort and teaching.



### Navigate to minimal residual astigmatism

- > Guidance templates and pre-operative planning tools deliver precise calculations and robust tracking to support your IOL placement precision.



### Visualize subsurface ocular microstructures

- > Acquire the high resolution, deep tissue images you need for anterior and posterior surgery with Optical Coherence Tomography (OCT)\*\*.\*.

\* compared to previous microscope models  
\*\* compared to similar competitive products (November 2015)  
\*\*\* FDA 510(k) Cleared



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