# MERLIN®

## **SYSTEM** Components

- Microscope Adapter Mounting Plate
- Condensing Lens Assembly (CLA)
- Lens Positioning Unit (LPU)
- Sterilization Case
- Installation Manual

## **OUR** Guarantee

Volk Optical warrants Merlin and ROLS ∞ against defects in materials or workmanship for a period of one year from receipt by end user.

## **YOUR** Peace of Mind

We offer an extended service plan with complete Volk support that will ensure your Merlin<sup>®</sup> system is fully functional and in great shape. Please inquire

instructions are included in the installation manual.

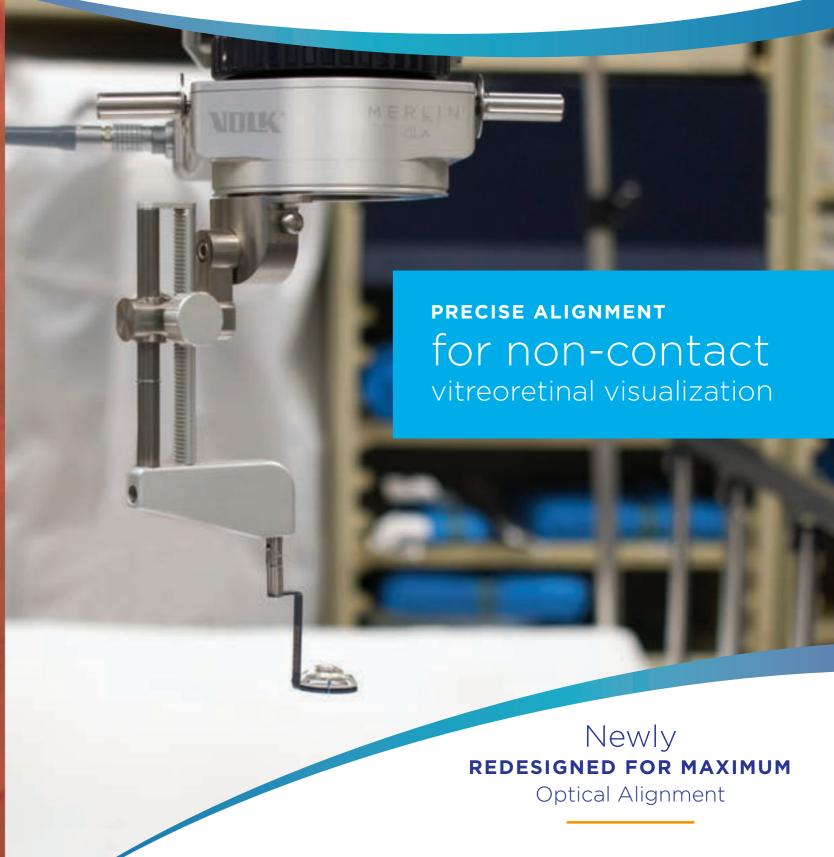


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# Surgical System

WHERE CLARITY, WIDE FIELD VIEW, & Enhanced Performance Converge

"Merlin has always provided a very clear, ultra-wide field to examine the eye. Now, the Merlin moves the lens smoothly in and out of the surgical field, returning to the same position – every time. Confidence in the lens placement allows me to concentrate on the most important parts of surgery."

> -Suber Huang, MD President & CEO, Retina Center of Ohio Former President of ASRS

## **CLARITY** Unmatched by Rivals



## **SEAMLESS** Reinversion with the ROLS<sup>®</sup> ∞

- and via foot pedal

## The Merlin lenses bring Volk's proprietary double aspheric lens technology into the OR, providing exquisite views of the retina with superior sharpness

## **ALIGNMENT** Delivers Precision Every Time

- Precise alignment with the optical axis of the microscope
- Smooth, graduated rotation to optimally position the lens
- Intuitive fine focus adjustment

and depth of field.

## **COMPACT** Design Maximizes Working Space

A simple pivoting mechanism that folds away when not in use, occupying minimal space beneath the microscope.

## **PATIENT SAFETY** Increased by Efficient Optical Design

#### Merlin's exclusive Condenser Lens Assembly:

- Automatically slides a condenser lens into the optical train when the Merlin is engaged
- Eliminates the need to refocus the microscope when switching from anterior to posterior viewing, reducing surgery time
- Significantly improves light transmission via anti-reflective coatings, reducing the risk of phototoxicity

## **3 OPTIONS** Suit Your Lens Needs

#### All Merlin lenses are:

- without degradation
- of accidental contact

### WIDE ANGLE ACS<sup>®</sup> Lens

## 102°/120° 0.43x

19 mm

# ACS<sup>®</sup> Lens

- Automatically reinverts the surgeon's view when the Merlin is engaged - Compatible with Volk's indirect contact surgical lenses in manual mode,

- Designed using Volk's proprietary double aspheric lens technology - Made from PermaView<sup>™</sup> glass, designed to withstand repeat steam sterilization

- Equipped with a hinge mechanism to ensure patient safety in case

## MID-FIELD

80°/95° 0.74x

19 mm

lens for clearest views

visualization to the equator

### SMALL WIDE ANGLE ACS<sup>®</sup>Lens

95°/112° 0.42x

13 mm