



MERLIN<sup>®</sup>

Surgical System



**PRECISE ALIGNMENT**

for non-contact  
vitreoretinal visualization

Newly  
**REDESIGNED FOR MAXIMUM**  
Optical Alignment

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**WHERE CLARITY, WIDE FIELD VIEW,  
& Enhanced Performance Converge**

## **CLARITY** Unmatched by Rivals

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

## **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

## **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



“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*



## **SEAMLESS** Reinversion with the ROLS® ∞

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



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

All Merlin lenses are:

- Designed using Volk's proprietary double aspheric lens technology
- Made from PermaView™ glass, designed to withstand repeat steam sterilization without degradation
- Equipped with a hinge mechanism to ensure patient safety in case of accidental contact

### **WIDE ANGLE** ACS® Lens

**102°/120°**   **0.43x**   **19 mm**  
FIELD OF VIEW   IMAGE MAG   LENS DIAMETER

- Widest field of view, allowing visualization of the retina approaching the ora serrata
- Superior clarity and depth of field from the macula to the peripheral retina

### **MID-FIELD** ACS® Lens

**80°/95°**   **0.74x**   **19 mm**  
FIELD OF VIEW   IMAGE MAG   LENS DIAMETER

- Higher magnification lens for clearest views of the macula
- Intermediate field of view allows visualization to the equator

### **SMALL WIDE ANGLE** ACS® Lens

**95°/112°**   **0.42x**   **13 mm**  
FIELD OF VIEW   IMAGE MAG   LENS DIAMETER

- Smallest diameter lens, ideal for patients with small pupils or deep seated eyes, and pediatric cases
- Provides a very wide field of view, while maintaining superior clarity and depth of field

# MERLIN<sup>®</sup>

## SYSTEM Components

- Microscope Adapter Mounting Plate
- Condensing Lens Assembly (CLA)
- Lens Positioning Unit (LPU)
- Selection of High Resolution Lenses
- 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 for more information.

Additional information including technical specifications, safety information, and sterilization instructions are included in the installation manual.

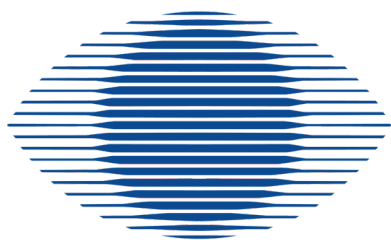


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(800) 345-8655

BRAND	MODEL	MERLIN® CLA MOUNTING HARDWARE	REINVERTER
Alcon	LuxOR	Alcon Mounting Kit (11732)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Allegra 90	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Allegra 590	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Allegra 900	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	CooperVision	Moeller Wedel Mounting Kit (11410)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Hi-R 900	Moeller Wedel Hi-R 900 Mounting Kit (12161)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Hi-R 900 SL	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Hi-R 900 SLA	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	EOS 900	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Hi-R NEO 900	Moeller Wedel Hi-R 900 Mounting Kit (12161)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Ophthalmic 900	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Haag-Streit / Möller-Wedel	Spectra 900	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Huvitz	HOM-700	Leica Mounting Kit (11409) & Vertical Spacing Kit (11425)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Inami	L-0980A	Inami Mounting Kit (11654)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Inami	L-0995AZ	DOES NOT MOUNT	ROLS (VROLS-Z)
Leica	M220	DOES NOT MOUNT	ROLS (VROLS-LX)
Leica	M500	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M501	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M520	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M525	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M620	Leica Mounting Kit (11409) & Vertical Spacing Kit (11425)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M650	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M651	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M655	Leica Mounting Kit (11409)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M690	Leica M690 Mounting Kit (12159)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M691	Leica 690 Mounting Kit for CLA (11481)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M695	Leica 690 Mounting Kit for CLA (11481)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M820	Leica M820/M840/M841/M844 Mounting Kit (12160)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M822	Leica M822 Mounting Kit (12171)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M840	Leica M820/M840/M841/M844 Mounting Kit (12160)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M841	Leica M820/M840/M841/M844 Mounting Kit (12160)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	M844	Leica M820/M840/M841/M844 Mounting Kit (12160)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Leica	Proveo 8	Leica Mounting Kit (11409) & Vertical Spacing Kit (11425)	ROLS∞ auto (11364)   ROLS∞ manual (11315)   ROLS (VROLS-L)
Prescott	OMNI-FLEX	Moeller Wedel Mounting Kit (11410)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Takagi	OM-8	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Takagi	OM-9	Takagi Mounting Kit (11412) & Takagi p/n O06-25	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Takagi	OM-18	Takagi Mounting Kit (11412)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-90	Topcon OMS-90 Mouting Kit (11947)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-600	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-610	Topcon Mounting Kit (11413)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-710	Topcon Mounting Kit (11413)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-800 Standard	Topcon Mounting Kit (11413)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Topcon	OMS-800 Pro	Topcon Mounting Kit (11413)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 1	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6-CFC	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6S	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6-SFC	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6-SFR	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI 6-CH	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI CS base w/ Retrolux CS optics	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI CS base w/ Retrolux 2 optics	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI CS base w/ Retrolux 3 optics	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI CS base w/ Retroskop optics	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera i	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera T	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera 300 Basic	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera 300 Advanced	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI Lumera 700	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
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Zeiss	OPMI Vario	Zeiss Mounting Kit (11408)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI VISU 140	DOES NOT MOUNT	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI VISU 150	Zeiss Visu Mounting Kit (12163)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI VISU 160	Zeiss Visu Mounting Kit (12163)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI VISU 200	Zeiss Visu Mounting Kit (12163)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)
Zeiss	OPMI VISU 210	Zeiss Visu Mounting Kit (12163)	ROLS∞ auto (11363)   ROLS∞ manual (11313)   ROLS (VROLS-Z)

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