

Living up to Life

**Leica**  
MICROSYSTEMS

MEDICAL DIVISION



# Leica RUV800

Panoramic Viewing for Retinal Surgery

# Leica Panoramic Viewing

Simple, convenient, high quality retinal viewing

## UPRIGHT IMAGE, ALWAYS

The Leica RUV800 Retinal Upright Viewing system is designed to work with Leica ophthalmic microscopes. The Leica RUV800, with its integrated inverter, sits beneath the microscope's optics and gives the surgeon, the assistant, and the video camera the same upright view of the retina. This makes it easier and safer to position and insert surgical instruments during surgery.

## EASY TO PREPARE AND USE

The OR staff saves time preparing for the next case, as the Leica RUV800 remains mounted to the microscope. Only the loupe, focus lever, and silicone sleeve require sterilization and need to be changed. In addition, the AgProtect™ nano silver coating gives the Leica RUV800 antibacterial qualities.

## CONVENIENT TO VIEW

Simply swing the Leica RUV800 into the optical path and adjust the focus lever for sharp, high quality views of the retina with either the wide angle 132 diopter XLView loupe or the 90 diopter loupe for higher magnification.

## COMFORT THROUGH ERGONOMICS

The integrated inverter of the Leica RUV800 means no additional height is added to the microscope stack, which improves ergonomics and surgeon comfort.

## EASY TO USE FOR BOTH ANTERIOR / POSTERIOR SURGERY

Conventional retinal viewing systems have a separate inverter on top of the microscope, which adds height and is a potential obstacle during cataract surgery. Unlike these systems, with a simple twist, the Leica RUV800 is easily removed after retinal surgery, leaving the microscope ready for anterior segment surgery.

## EASY ECONOMICS

Conventional systems require individual inverters for both the surgeon and the assistant to see an upright image of the retina. The integrated inverter of the Leica RUV800 means that no extra inverters are required for the surgeon or assistant.

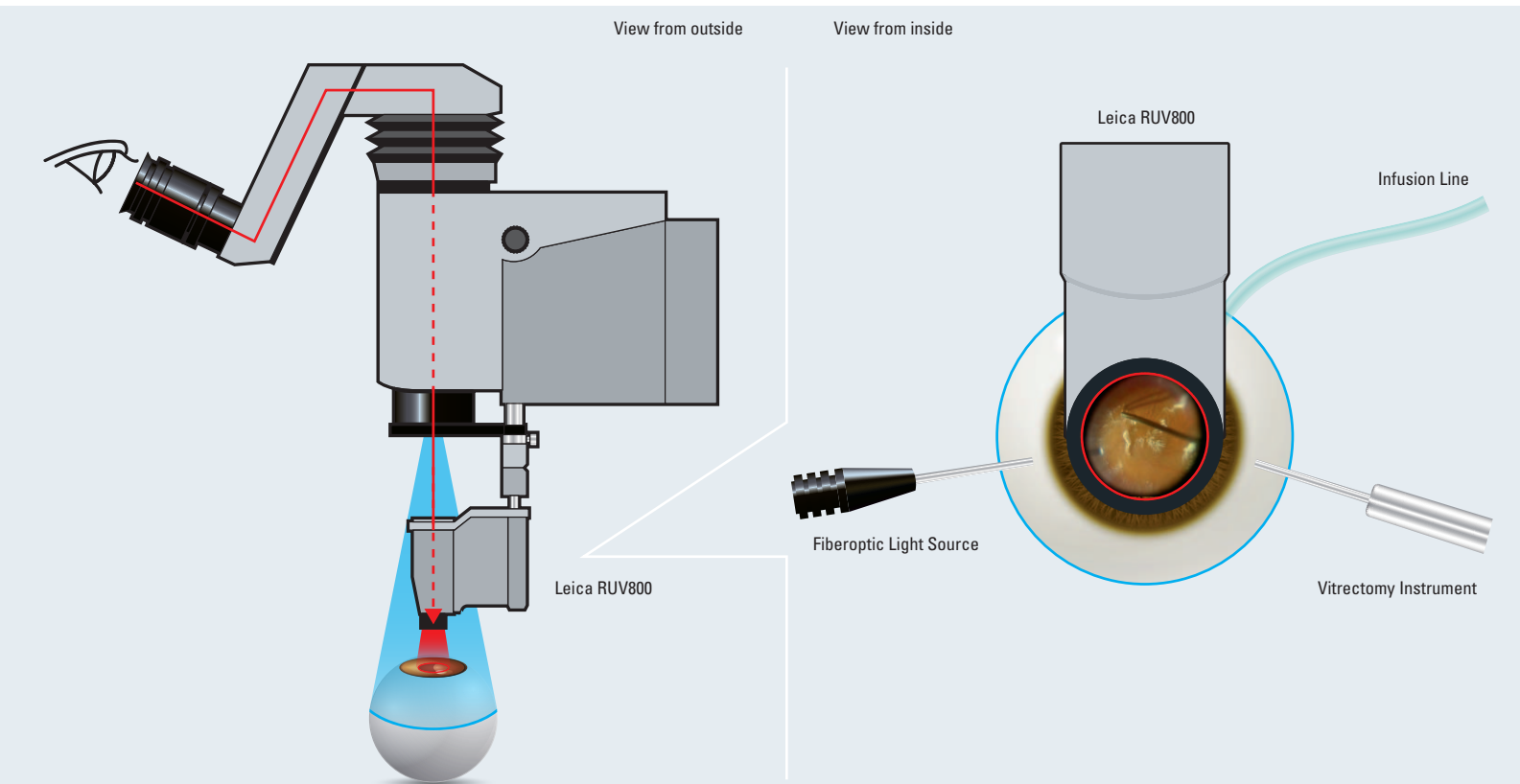
1 Bilateral manual focus

2 Leica RUV800 Retinal Upright Viewing system

3 XLView loupe and optional 90D diopter loupe

4 Convenient rest position with 360° rotation

5 Integrated inverter for upright viewing of the outside and inside of the eye



**TECHNICAL DATA LEICA RUV800**

<b>Models / Working distance</b>	Leica RUV800 WD175: WD=175 mm Leica RUV800 WD200: WD=200 mm
<b>Front loupes</b>	XLView loupe, 132 diopter for approx. 124° viewing angle 90D loupe (option), 90 diopter for approx. 90° viewing angle
<b>Sterility</b>	Autoclavable components: sterile silicone cover(s), focus lever(s), front loupe(s)
<b>Surface coating</b>	AgProtect™ antimicrobial nano silver coating
<b>Compatibility</b>	Ophthalmic microscopes Leica M800 serie and Leica M620
<b>Standards</b>	Council Directive 93/42/EEC on Medical Devices and its amendments. Classification: Class I, in compliance with Annex IX, rule 1 of the directive. The Medical Division, within Leica Microsystems (Schweiz) AG, holds the management system certificates for the international standards ISO 9001, ISO 13485, and ISO 14001 relating to quality management, quality assurance and environmental management.



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The fruitful collaboration "with the user, for the user" has always been the foundation of Leica Microsystems' innovative strength. On this basis, we have developed our five corporate values: Pioneering, High-end Quality, Team Spirit, Dedication to Science, and Continuous Improvement.

**MEDICAL DIVISION**

What does a surgeon expect from an outstanding surgical microscope? Sharp, clear images, and a modular system aligned with the surgeon and OR staff needs.

**Innovations for your practice**

From the first surgical microscope with widefield optics in the 1980s to the first microscopes with Horizontal Optics and with LED illumination, Leica Microsystems has been at the forefront of innovation in the development of surgical microscopes.

HD video, fluorescence and retinal viewing systems also demonstrate the continued innovative nature of the Leica team. We strive to provide the surgeon leading edge technology to enhance performance, surgeon comfort and patient outcomes.