

Rubina® Lens –

mORe to discover

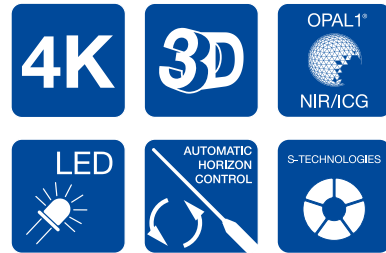


IMAGE1 S™ Rubina® – Interdisciplinary modular system for NIR/ICG applications in endoscopic and open surgery

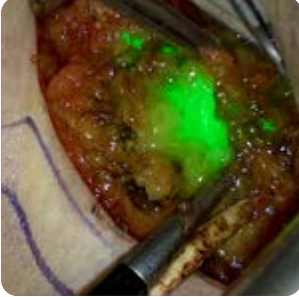
IMAGE1 S™ Rubina® – mORe to discover

Achieving the best possible outcomes in surgery is the main objective of every surgeon. To reach this goal, the visualization and display of important and critical structures is of utmost importance to the surgical process.

The IMAGE1 S™ Rubina® imaging technology from KARL STORZ combines 3D and 4K technology with NIR/ICG fluorescence imaging to support your work by delivering high-quality information. With the use of the Rubina® Lens, this information can now also be made available in open surgery.

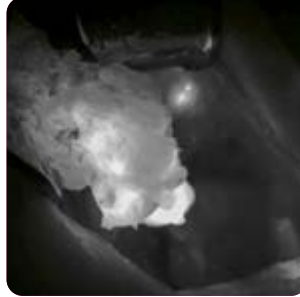


NIR/ICG visualization modes



Overlay – Green or blue

In the Overlay mode, the regular white light image is combined with the NIR/ICG data to generate an overlay image.



Monochromatic

In the monochromatic mode, the NIR/ICG signal alone is displayed in white on a black background to achieve the greatest possible differentiation.



Intensity Map

The intensity map displays the intensity of the NIR/ICG signal using a color scale in an overlay image.

Rubina® Lens

Indication examples for NIR/ICG fluorescence imaging



Vascular system



Hepatobiliary system



Lymphatic system

Rubina® Lens - NIR/ICG in Open Surgery

The new Rubina® Lens expands the product family with a 2D exoscope for NIR/ICG and white light indications in open surgery. IMAGE1 S™ Rubina® offers the surgeon one interdisciplinary modular system for the visualization and documentation of NIR/ICG or purely white light interventions in open surgery.



- ☑ **Autoclavable exoscope** for combination with a camera head
- ☑ **4K image quality** in white light and NIR/ICG as well as **high NIR/ICG sensitivity**
- ☑ Wide-angle telescope provides a **large field of view** as well as a **16:9 format without loss of quality**
- ☑ **Large and flexible working distance** enables use across specialties and indications without constant refocussing
- ☑ **Ergonomic work** due to a 90° image orientation as well as the option of using the Rubina® Lens **handheld or fixed to a holding system**
- ☑ **Manual horizon control for** orientation and good positioning
- ☑ **Visualization and documentation** of open procedures with IMAGE1 S™ during white light applications and when using NIR/ICG

Further product information

SCAN ME



Further information can be found in our online catalog. This information is available on the KARL STORZ homepage or via the following link:

<https://go.karlstorz.com/96261028-1>



Integrated safety concept:
3-button system



KSLOCK interface for the convenient
attachment of KARL STORZ clamping
jaws, VITOM® systems,
KARL STORZ endoscopes and
instruments

The ARTip® BASE holding arm can be operated with only one hand to allow the flexible positioning of the Rubina® Lens. It can also be used with KARL STORZ endoscopes, VITOM® systems and instruments for open, microsurgical, and minimally invasive procedures.



Battery indicator for checking the charge status

It is recommended to check the suitability of the product for the intended procedure prior to use.
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.

Please inform yourself accordingly in advance for which application the respective preparation (ICG) is approved in your country.

More than
75
Years

*Shaping the Future
of Endoscopy with you*