

**SUPERINTENDÊNCIA ESTADUAL DE LICITAÇÕES - SUPEL/RO**  
**EQUIPE DE LICITAÇÃO SIGMA**

**PREGÃO ELETRÔNICO 9/2021**

**PROPOSTA COMERCIAL**

A Dystall Comércio e Serviços EIRELI, inscrita no CNPJ nº 18.939.610/0001-10, situada à Rua 10 de Setembro, 741 Sala 307 Bloco A, CEP 93950-000, bairro Centro, Dois Irmãos, Rio Grande do Sul, correntista do Banco Bradesco, agência 1776, conta corrente 003.3776-5, por intermédio de seu representante legal, o Sr. Jair Recktenwald, portador do RG 2061949299 e do CPF 945.809.600-68, vem por meio desta apresentar Proposta Comercial, de acordo com as especificações e condições estabelecidas no Edital 9/2021

ITEM	DESCRIÇÃO	MARCA	QTD	VALOR UNIT.	PREÇO TOTAL
2	Ótica 10mm de diâmetro, 344mm de comprimento, 30° de direção de visão - wide angle, autoclavável. Compatível com sistema cirúrgico Storz. ANVISA: 80370820001 Modelo: 11.0043a Fabricante: Schöilly fiberoptic gmbh – Alemanha	Dystall	01	R\$ 15.000,00	R\$ 15.000,00
<b>Total da Proposta R\$ 15.000,00</b>					

**Contato:** [dystallvendas@gmail.com](mailto:dystallvendas@gmail.com)/ 51- 985260329 Jair

**Prazo de entrega:** Conforme descrito no edital.

**DECLARO** que o prazo de eficácia desta proposta é de 90 (noventa) dias a contar da data de entrega de seu respectivo envelope.

**DECLARO** que os produtos possuem garantia de 12 meses contra defeitos de fábrica a partir da data da aquisição.

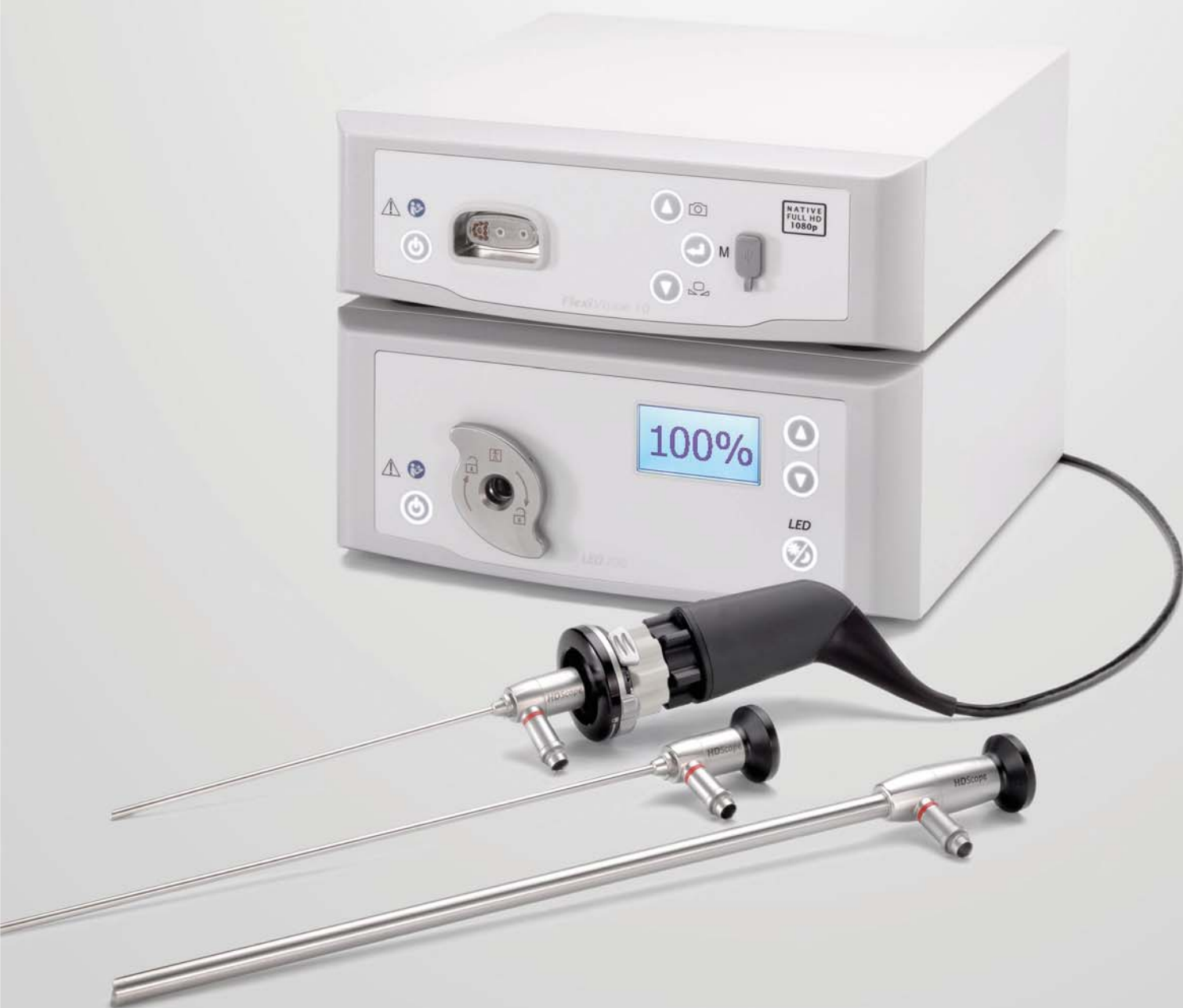
Dois irmãos, 18 de fevereiro de 2021



Jair Recktenwald

# MEDICAL ENDOSCOPY

## PRIVATE LABEL PRODUCTS





## CERTIFIED QUALITY MADE BY SCHÖLLY.

### Endoscopic visualization for minimal-invasive diagnostic and surgical applications.

In medicine, the requirements are extremely high with respect to image quality, reliability, and durability of visualization systems. Equally high, however, are the standards at SCHÖLLY: we not only fulfill these demands, but want to exceed them. To this end, we continuously invest in the improvement of existing products and offer affordable solutions with adaptations for your specific application. These may even bear your own customized product design. Our work is always guided by our motto to create marketable, economically attractive products and systems whose quality you can rely on completely. Furthermore, we want to provide these as turnkey solutions from a single source. As a result, our complex visualization systems are highly innovative instruments that combine intelligent camera systems and the appropriate controls.

To decide on products and systems from SCHÖLLY means to decide in favor of quality that has been tried and tested thousands of times in surgery. At the same time, you can be sure you will receive high-performance, future-oriented technology that is well worth the investment. Our core areas of competence are 3D endoscopes in HD quality and microendoscopes with diameters as small as 0.35 mm.

SCHÖLLY has an impressive network of production sites as well as sales and service offices spanning areas in Asia, Europe, the United States, and Brazil. Furthermore, SCHÖLLY has a reputation for being a company that understands how to combine superior technology, strategic foresight, and a strong sense of responsibility to achieve success.

#### EXCELLENCE INSIDE in medical applications:

Our microendoscopes as well as 2D and 3D endoscopes are used in the following fields of medicine, among others:

- Urology
- Gynecology
- Laparoscopy
- ENT
- Neurology
- Drug delivery
- Arthroscopy



## EXCELLENCE INSIDE IS THE BEST MEDICINE.

Our private label products are the perfect high-quality addition to your portfolio – competitive and available at short notice.

Even in small quantities we can design and label our endoscopes, light sources, as well as camera systems cost-effectively and according to your specifications. Our standard bodies and housing designs, which can be personalized according to your concept and corporate design specifications, serve as the basis for our private label products. We provide comprehensive advice and support in everything from the selection of the right product to the ideal design.

You can profit from our private label products immediately. On the one hand, they expand your portfolio by including high-quality standardized products. On the other hand, you eliminate time-consuming and costly development, production, and, in particular, registration processes, since our products are already registered in many countries.

Among other things, you can select different:

- Standard bodies
- Surface finishes
- Laser markings
- Eyepiece colors
- Front panel colors (for light sources and cameras)
- Front panel designs (for light sources and cameras)
- Illumination of buttons and displays  
(for selective light sources and cameras)

Detailed information about private label and the possibilities, you will find on the following pages.

SCHÖLLY - EXCELLENCE INSIDE



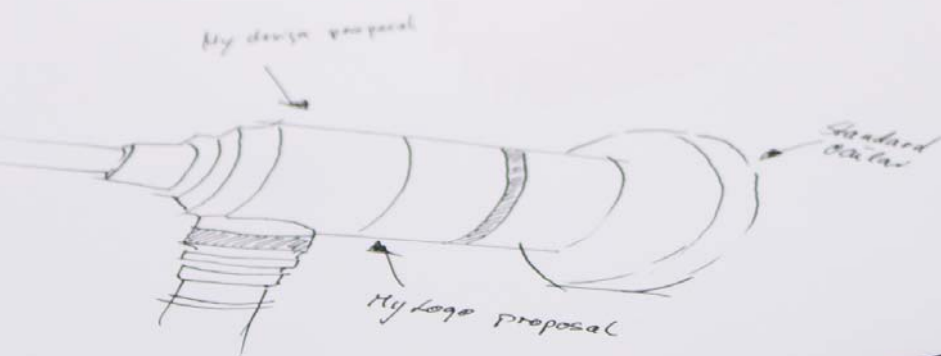
# EXCELLENCE INSIDE SUPPORTS YOU FROM THE IDEA TO THE FINISHED PRODUCT.

The complete manufacturing process  
from a single source.

The basis of private label design is a standard body of an endoscope or the housing of the camera head and the controller. Individualization tools, e.g. an outstanding marking of the camera head or designing of the front panel of the controller unit are available and can be made according to your corporate design.

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## THE IDEA







## EXCELLENCE INSIDE

OFFERS YOU THE POSSIBILITY  
OF YOUR INDIVIDUAL DESIGN.



COLORS OF EYEPIECE AND  
CONTROLS



LASER MARKING



FORM OF THE BODY AND  
SURFACE FINISH





**LASER MARKING OF THE CAMERA HEAD**



**FRONT PANEL DESIGN OF CAMERAS AND LIGHT SOURCES**



**ILLUMINATION OF BUTTONS AND DISPLAYS**



## EXCELLENCE INSIDE PRODUCT HIGHLIGHTS.

### FLEXIVISION® 10 Native Full HD Camera

This brand new endoscopic camera, based on the latest SCHÖLLY FlexiVision camera platform, offers many new clinical features, using unique video algorithms which are leading to a perfect image quality.

No compromise in image quality: latest CMOS chip technology offers this native full HD endoscopy camera a brilliant image quality with highest sensitivity; edge enhancement and dynamic contrast function for best in class performance.

Video algorithms make the difference: various video algorithms are included and provide additional image information. Choose between selective color enhancement, smoke reduction, grid removal, clear view – or take them all. It's your field of application that defines the configuration of your endoscopic camera.

### FLEXILUX 200 LED Light Source

This light source is equipped with latest LED technology, which has the great advantage of a long lifespan. The dimmable LED light source has low power consumption and avoids unnecessary

heat development. The multi light guide adapter is suitable for Storz, Olympus, Wolf and ACMI systems.

### MIS-Bus Interface

By connecting the FlexiLux 200 LED light source to the FlexiVision 10 native full HD camera, the intensity and the on/off command of the light source can be remotely controlled via the camera head.

### Private Label Options

For these turnkey devices, SCHÖLLY offers individual front panel designs. The FlexiVision 10 native full HD camera comes with additional attractive Private Label options. Please ask your sales contact person to design your own product and device setup: based on needed quantity and requirements in your market.



FLEXIVISION® 10 Native Full HD Camera



FLEXILUX 200 LED Light Source

More information on this may be found on pages 67 (cameras) and 59 (light sources).

## Video Naso-Pharyngoscope and Video Bronchoscope with latest chip-in-tip technology

Decreasing image sensors are allowing the endoscope and camera to increasingly grow together into one unit. Current 2D and 3D chip-in-scope and chip-in-tip systems are making use of this development. In this context, the placement of the image sensors always presents new challenges to our design engineers, such as the smallest possible objective lenses or thermal management. Combined with intelligent and affordable cables for light, communication, and data transmission, these systems represent one more benchmark for the entire industry.

We offer a video naso-pharyngoscope and video bronchoscope equipped with this latest technology for wide angle, full format monitor images and improved picture quality for a better diagnostic and surgery. Furthermore, the integrated ultra bright LED illuminates the standard application area - optimized for examinations.

This both video scopes impresses with their ease of use and high level of innovation. The improved ergonomic handpiece with easy to reach deflection lever and function buttons offers user

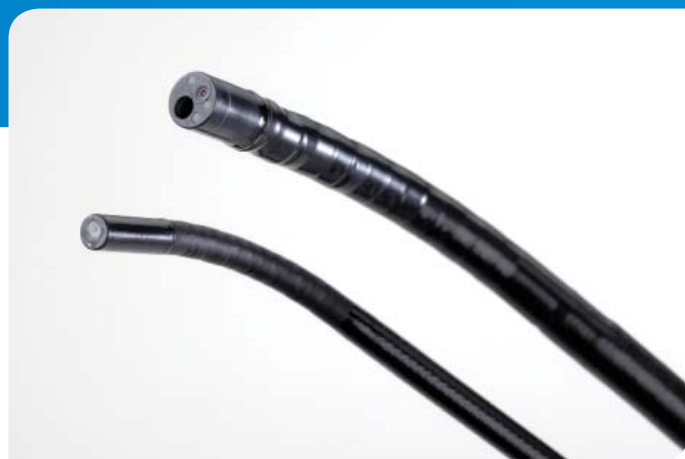
friendly operation. Excellent engineering and the use of high quality materials lead to a long lifetime.

### Key Features

- Chip-in-tip video technology (CMOS)
- Integrated LED illumination
- Excellent distal deflection brings hard to reach areas into view
- Thin and extremely flexible
- Ergonomic handpiece design
- The video-bronchoscope has an innovative micro suction regulation, 360° rotation and secure fixation from the exclusive suction valve design
- Simple start-up, no camera adjustments or white-balance
- Absolutely silent controller
- Patented Deep-View-Technology for illumination of more distal anatomical structures

### Private Label Options

Differentiate the handpiece or controller suitable to your company's design.



Video-nasopharyngoscope (left) and bronchoscope (right) tip with latest CMOS technology



Ergonomic handpiece with micro suction regulation

More information on this may be found on pages 54 and 56 (ENT and Pulmonology).

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## EXCELLENCE INSIDE INNOVATIVE ENDOSCOPIC SOLUTIONS.



### ORTHOPEDICS

Our arthroscopes for small joints or for knee-, shoulder- and hip arthroscopy convince with their high image quality, robustness and state-of-the-art construction.

The semi-flexible 2.0 mm Ø arthroscopes perfectly cover those fields where accessibility is difficult and space limited. For a clear and exceptional view, our 2.7 - 4.0 mm Ø endoscopes are of first-class HD quality and fully support the today's high definition cameras.

We offer compatible endoscopes, suitable to the most common systems.



# Arthroscopes

**FLEXILUX II ARTHROSCOPES** | compatible with system Storz

Image quality close to conventional rod lens systems and semi-flexibility is provided by the usage of highest resolution image bundles (50,000 pixels).



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0622a	2.0 mm	110 mm	0°	wide angle
21.0623a	2.0 mm	110 mm	30°	wide angle

**FLEXILUX II ARTHROSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
31.0005a	2.7 mm HDSCOPE	110 mm	0°	standard
31.0007a	2.7 mm HDSCOPE	110 mm	30°	standard
31.0009a	2.7 mm HDSCOPE	110 mm	70°	wide angle

**FLEXILUX II ARTHROSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0617a	2.7 mm HDscope	187 mm	0°	standard
21.0619a	2.7 mm HDscope	187 mm	30°	standard
21.0621a	2.7 mm HDscope	187 mm	70°	wide angle

**FLEXILUX II ARTHROSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0003a	4.0 mm HDscope	175 mm	0°	wide angle
21.0013a	4.0 mm HDscope	175 mm	30°	standard
21.0008a	4.0 mm HDscope	175 mm	30°	wide angle
21.0101a	4.0 mm HDscope	175 mm	45°	wide angle
21.0011a	4.0 mm HDscope	175 mm	70°	wide angle



# Arthroscopes

**FLEXILUX II ARTHROSCOPES** | compatible with system Wolf



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0051a	4.0 mm HDSCOPE	170 mm	30°	wide angle
21.0053a	4.0 mm HDSCOPE	170 mm	70°	wide angle

**FLEXILUX II ARTHROSCOPES** | compatible with system Stryker



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0081a	4.0 mm HDSCOPE	142 mm	30°	wide angle

**FLEXILUX II ARTHROSCOPES** | compatible with system Olympus



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0066a	4.0mm HDscope	160 mm	30°	wide angle



**EXCELLENCE INSIDE**  
CUSTOMERS REQUIREMENTS MEET  
FUTURE-ORIENTED TECHNOLOGIES.



## LAPAROSCOPY

For our 10 mm Ø laparoscopes a special emphasis was placed on creating a homogenous and sharp-edged illumination. Together with the optimized optical system, the result is a very bright image with rich contrast. The system was designed so that the illumination fibers are fastened strain free which leads to an improved lifetime. For a clear and exceptional view, our 5.0 - 10.0 mm Ø laparoscopes are of first-class HD quality - for best image conditions.

Our mini-endoscopes are designed to be semi-flexible, combining dependability with a minimal outer diameter. This is done by using high resolution image bundles with 50,000 pixels.



# Laparoscopes

## FLEXILUX II MINI-ENDOSCOPES

Image quality close to conventional rod lens systems and semi-flexibility is provided by the usage of highest resolution image bundles (50,000 pixels).



Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0480a	2.0 mm	258 mm	0°	wide angle
11.0475a	2.0 mm	258 mm	30°	wide angle

**FLEXILUX II LAPAROSCOPES**

Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0055a	5.0 mm HDScope	312 mm	0°	wide angle
11.0057a	5.0 mm HDScope	312 mm	30°	wide angle

**FLEXILUX II LAPAROSCOPES**

Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0031a	10.0 mm HDScope	344 mm	0°	wide angle
11.0043a	10.0 mm HDScope	344 mm	30°	wide angle
11.0041a	10.0 mm HDScope	344 mm	45°	wide angle

# Laparoscopes

## FLEXILUX II OP-LAPAROSCOPES

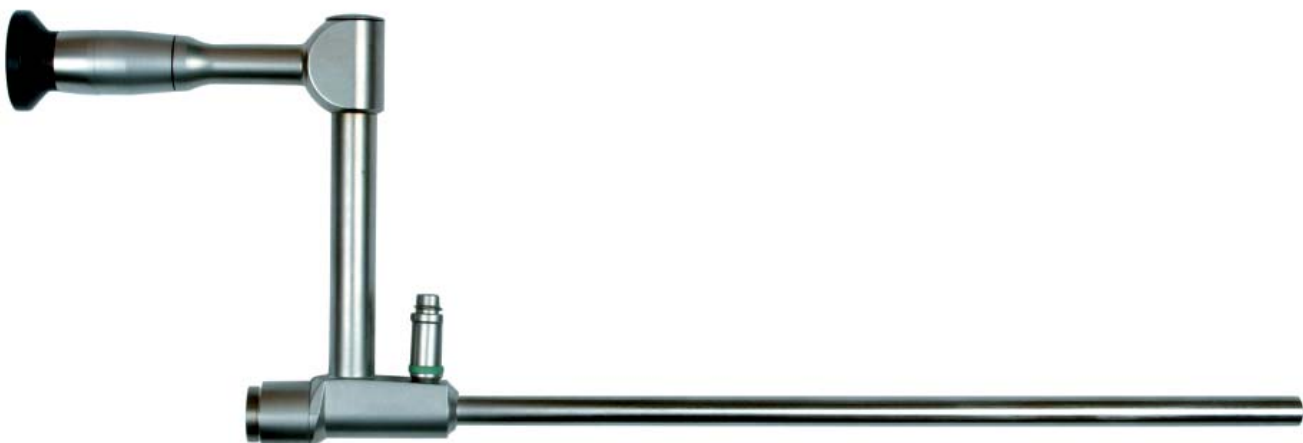
With Luer-Lock connection



Item number	Endoscope Ø	Instrument channel Ø	Working length	Direction of view	Field of view
11.0123a	10.0 mm	5.5 mm	277 mm	0°	wide angle

## FLEXILUX II OP-LAPAROSCOPES

With Luer-Lock connection for insufflation; only for use with ring applicator



Item number	Endoscope Ø	Instrument channel Ø	Working length	Direction of view	Field of view
11.0121a	11.0 mm	6.0 mm	277 mm	0°	wide angle



### SEALING CAP

For stop cock, for OP-Laparoscopes item no.: 11.0123a



Item number

11.0125a

### SILICONE FLAP VALVE

For OP-Laparoscopes item no.: 11.0123a



Item number

11.0126a





**EXCELLENCE INSIDE**  
RELIABLE AND SAFE PRODUCTS.



## GYNECOLOGY

Our product range for gynecological applications comprises hysteroscopes, compatible with the most common systems, semi-flexible mini-endoscopes and laparoscopes for gynecology.

The semi-flexible 2.0 mm Ø endoscopes perfectly cover those fields where accessibility is difficult and space limited. For a clear and exceptional view, our 2.9 - 10.0 mm Ø cystoscopes and laparoscopes are of first-class HD quality and fully support the today's high definition cameras. Our OP-laparoscopes, available in 10.0 mm Ø or 11.0 mm Ø, complete the product range for gynecology.



# Hysteroscopes

**FLEXILUX II HYSTEROSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.0160a	2.9 mm HDSCOPE	302 mm	0°	wide angle
41.0161a	2.9 mm HDSCOPE	302 mm	30°	wide angle

**FLEXILUX II HYSTEROSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.0047a	4.0 mm HDSCOPE	302 mm	0°	standard
41.0049a	4.0 mm HDSCOPE	302 mm	0°	wide angle
41.0059a	4.0 mm HDSCOPE	302 mm	12°	standard
41.0057a	4.0 mm HDSCOPE	302 mm	30°	standard
41.0055a	4.0 mm HDSCOPE	302 mm	30°	wide angle
41.0121a	4.0 mm HDSCOPE	302 mm	70°	wide angle

**FLEXILUX II HYSTEROSCOPES** | compatible with system Wolf


Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.1005a	4.0 mm HDSCOPE	298 mm	0°	standard
41.1001a	4.0 mm HDSCOPE	298 mm	5°	standard
41.1011a	4.0 mm HDSCOPE	300 mm	25°	standard
41.1021a	4.0 mm HDSCOPE	303 mm	70°	wide angle

**FLEXILUX II HYSTEROSCOPES** | compatible with system Olympus


Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.1101a	4.0 mm HDSCOPE	280 mm	0°	standard
41.1111a	4.0 mm HDSCOPE	280 mm	12°	standard
41.1121a	4.0 mm HDSCOPE	283 mm	30°	standard
41.1131a	4.0 mm HDSCOPE	283 mm	30°	wide angle
41.1141a	4.0 mm HDSCOPE	283 mm	70°	wide angle

# Mini-Endoscopes

## FLEXILUX II MINI-ENDOSCOPES

Image quality close to conventional rod lens systems and semi-flexibility is provided by the usage of highest resolution image bundles (50,000 pixels).



Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0480a	2.0 mm	258 mm	0°	wide angle
11.0475a	2.0 mm	258 mm	30°	wide angle

**FLEXILUX II LAPAROSCOPES**

Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0055a	5.0 mm HDSCOPE	312 mm	0°	wide angle
11.0057a	5.0 mm HDSCOPE	312 mm	30°	wide angle

**FLEXILUX II LAPAROSCOPES**

Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0031a	10.0 mm HDSCOPE	344 mm	0°	wide angle
11.0043a	10.0 mm HDSCOPE	344 mm	30°	wide angle
11.0041a	10.0 mm HDSCOPE	344 mm	45°	wide angle

# OP-Laparoscopes

## FLEXILUX II OP-LAPAROSCOPES

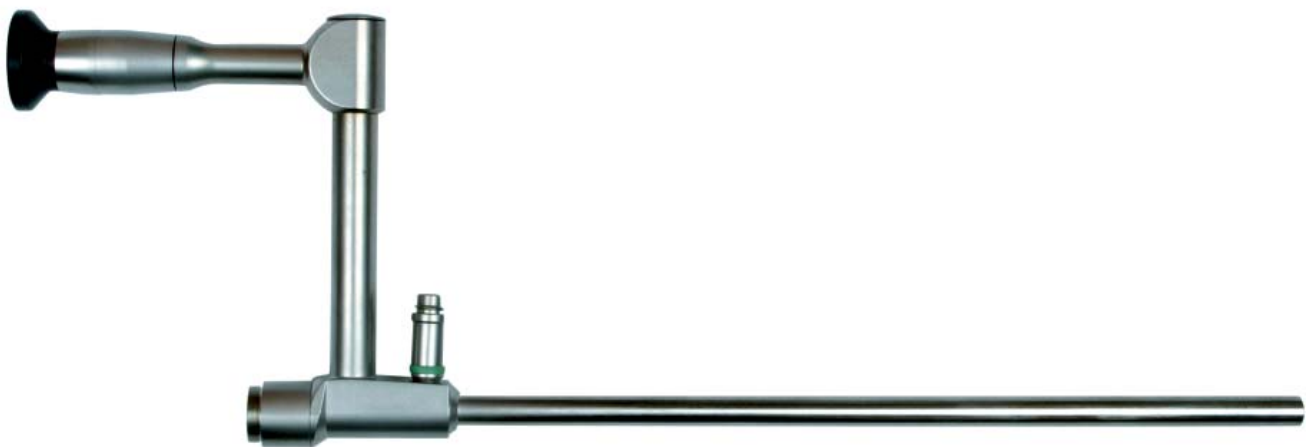
With Luer-Lock connection



Item number	Endoscope Ø	Instrument channel Ø	Working length	Direction of view	Field of view
11.0123a	10.0 mm	5.5 mm	277 mm	0°	wide angle

## FLEXILUX II OP-LAPAROSCOPES

With Luer-Lock connection for insufflation; only for use with ring applicator



Item number	Endoscope Ø	Instrument channel Ø	Working length	Direction of view	Field of view
11.0121a	11.0 mm	6.0 mm	277 mm	0°	wide angle



### SEALING CAP

For stop cock, for OP-Laparoscopes item no.: 11.0123a



Item number

11.0125a

### SILICONE FLAP VALVE

For OP-Laparoscopes item no.: 11.0123a



Item number

11.0126a





**EXCELLENCE INSIDE**  
SAFE AND WELL DEVELOPED  
TECHNOLOGIES.



## UROLOGY

With our endoscopes we cover a wide range of urological applications. For a clear and exceptional view, our 2.9 - 10.0 mm Ø laparoscopes and cystoscopes are of first-class HD quality and fully support the today's high definition cameras and compatible with the most common systems.

Our safe and reliable nephroscopy product range comprises a mini-nephroscope in 13.5 Fr. and a 19.0 Fr. nephroscope.

The uretero-renoscopes are constructed for a smooth and gentle insertion. Because of the special ocular construction there is no need of camera re-focusing and no loss of picture.



# Cystoscopes

**FLEXILUX II CYSTOSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.0160a	2.9 mm HDSCOPE	302 mm	0°	wide angle
41.0161a	2.9 mm HDSCOPE	302 mm	30°	wide angle

**FLEXILUX II CYSTOSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.0047a	4.0 mm HDSCOPE	302 mm	0°	standard
41.0049a	4.0 mm HDSCOPE	302 mm	0°	wide angle
41.0059a	4.0 mm HDSCOPE	302 mm	12°	standard
41.0057a	4.0 mm HDSCOPE	302 mm	30°	standard
41.0055a	4.0 mm HDSCOPE	302 mm	30°	wide angle
41.0121a	4.0 mm HDSCOPE	302 mm	70°	wide angle

## FLEXILUX II LAPAROSCOPES



Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0055a	5.0 mm HDSCOPE	312 mm	0°	wide angle
11.0057a	5.0 mm HDSCOPE	312 mm	30°	wide angle

## FLEXILUX II LAPAROSCOPES



Item number	Endoscope Ø	Working length	Direction of view	Field of view
11.0031a	10.0 mm HDSCOPE	344 mm	0°	wide angle
11.0043a	10.0 mm HDSCOPE	344 mm	30°	wide angle
11.0041a	10.0 mm HDSCOPE	344 mm	45°	wide angle

# Cystoscopes

**FLEXILUX II CYSTOSCOPES** | compatible with system Wolf



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.1005a	4.0 mm HDScope	298 mm	0°	standard
41.1001a	4.0 mm HDScope	298 mm	5°	standard
41.1011a	4.0 mm HDScope	300 mm	25°	standard
41.1021a	4.0 mm HDScope	303 mm	70°	wide angle

**FLEXILUX II CYSTOSCOPES** | compatible with system Olympus



Item number	Endoscope Ø	Working length	Direction of view	Field of view
41.1101a	4.0 mm HDscope	280 mm	0°	standard
41.1111a	4.0 mm HDscope	280 mm	12°	standard
41.1121a	4.0 mm HDscope	283 mm	30°	standard
41.1131a	4.0 mm HDscope	283 mm	30°	wide angle
41.1141a	4.0 mm HDscope	283 mm	70°	wide angle

# Nephroscopes

## NEPHROSCOPES

With two integrated irrigation and working channels by use with sheath no. 41.0682a  
 Incl. cleaning brush, without instrument bridge  
 For use with instruments up to 9 Fr.



Item number	Endoscope Ø	Working channel Ø	Working length	Direction of view	Field of view
41.0630a	19 Fr.	10 Fr.	220 mm	8°	84°

## MINI-NEPHROSCOPES

With two integrated irrigation and working channel by use with sheath no. 41.0683a  
 Incl. cleaning brush, without instrument bridge  
 For use with instruments up to 5 Fr.



Item number	Endoscope Ø	Working channel Ø	Working length	Direction of view	Field of view
41.0634a	13.5 Fr.	6 Fr.	220 mm	8°	84°
41.0635a	13.5 Fr.	6 Fr.	320 mm	8°	84°

### INSTRUMENT BRIDGE

For use with Nephroscopes 41.0634a, 41.0635a, 41.0630a  
Incl. cleaning brush

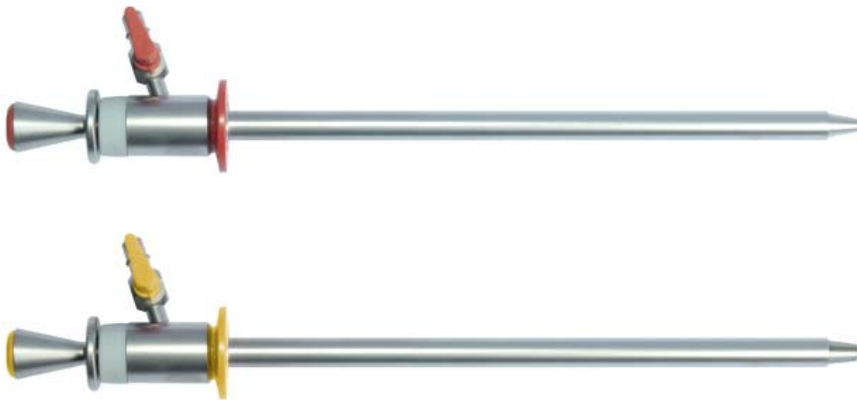


#### Item number

41.0641a

### NEPHROSCOPE SHEATHS

Incl. obturator



Item number	Sheath Ø	To nephroscope Ø	Color code
41.0682a	24 Fr.	19 Fr.	red
41.0683a	18 Fr.	13.5 Fr.	yellow

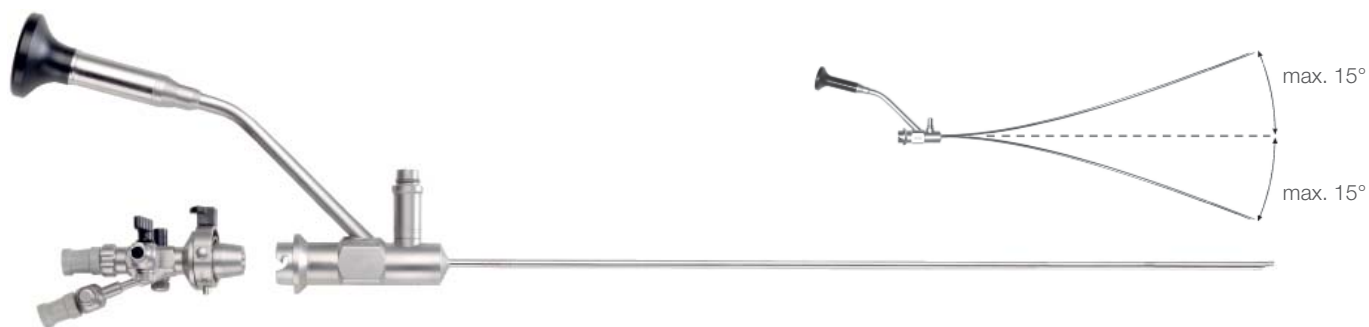


# Uretero-Renoscopes

## URETERO-RENOSCOPES

With laterally staggered ocular part, with detachable instrument bridge

With bending load of +/- 15°, based on the endoscope axis



Item number	Working Ø	Working channel for instruments with Ø	Working length	Direction of view	Field of view
41.0611a.wol	distal 7.5 Fr. first step 9.8 Fr.	1 x 5 Fr. or 2 x 3 Fr.	310 mm	8° to working channel	85°
41.0609a.wol	distal 7.5 Fr. first step 9.8 Fr.	1 x 5 Fr. or 2 x 3 Fr.	425 mm	8° to working channel	85°

## MINI-URETERO-RENOSCOPES

With laterally staggered ocular part, with detachable instrument bridge

With bending load of +/- 15°, based on the endoscope axis



Item number	Endoscope Ø	Working channel for instruments with Ø	Working length	Direction of view	Field of view
41.0615a.wol	distal 6 Fr. first step 7.5 Fr.	1 x 4 Fr. or 2 x 2.4 Fr.	310 mm	8° to working channel	100°
41.0614a.wol	distal 6 Fr. first step 7.5 Fr.	1 x 4 Fr. or 2 x 2.4 Fr.	425 mm	8° to working channel	100°

## INSTRUMENT BRIDGE



Item number

41.0617a

## ADAPTER FOR EMS LITHOTRIPTER

EMS lithotripter LC2



Item number

41.0610a.lc2

## ADAPTER FOR EMS LITHOTRIPTER

EMS lithotripter LC1

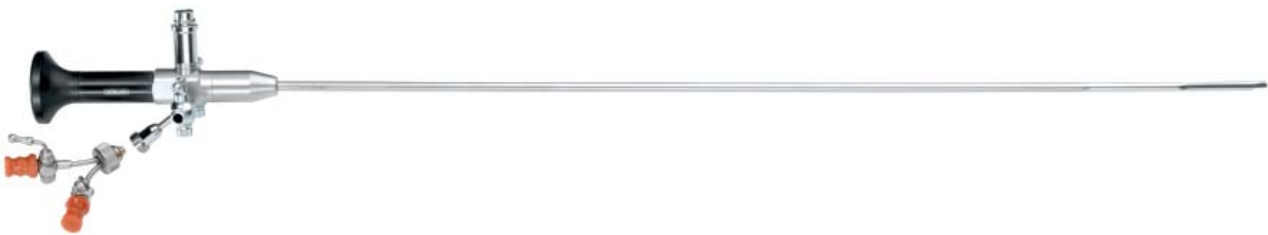


Item number

41.0610a

## URETERO-RENSCOPES

With straight ocular part, with detachable instrument bridge



Item number	Working Ø	Working channel for instruments with Ø	Working length
41.0612a	7.5 Fr.	3.0 Fr.	310 mm
41.0613a	7.5 Fr.	3.0 Fr.	425 mm



**EXCELLENCE INSIDE**  
CHIP-IN-TIP TECHNOLOGY AND  
HIGH PRECISION MULTI-LENS.



**EAR-NOSE-THROAT AND PULMONOLOGY**

Our sinusscopes, compatible with the most common systems, are of high quality and guarantee an outstanding image reproduction of first-class HD quality. The high precision multi-lens optics of the naso-pharyngoscopes creates an optimal image; several designs are available.

The video naso-pharyngoscope with chip-in-tip technology and integrated LED is equipped with high levels of innovations and offers best usability, an optimum view, a portable lightweight construction and is easy to use.

For examination of the ear-canal we offer otoscopes, available in two different diameters in HD quality.

Sharp image and a significant depth of field promise our laryngo-pharyngoscopes, with a working diameter of 10.0 mm.

The latest Deep-View-Technology of the video bronchoscope acts like a focussed spotlight and illuminates distant lobes - ideal for safe examinations.



# Sinusscopes

**FLEXILUX II SINUSCOPES** | compatible with system Storz

Image quality close to conventional rod lens systems and semi-flexibility is provided by the usage of highest resolution image bundles (50,000 pixels).



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0622a	2.0 mm	110 mm	0°	wide angle
21.0623a	2.0 mm	110 mm	30°	wide angle

**FLEXILUX II SINUSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
31.0005a	2.7 mm HDSCOPE	110 mm	0°	standard
31.0007a	2.7 mm HDSCOPE	110 mm	30°	standard
31.0009a	2.7 mm HDSCOPE	110 mm	70°	wide angle



**FLEXILUX II SINUSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0617a	2.7 mm HDSCOPE	187 mm	0°	standard
21.0619a	2.7 mm HDSCOPE	187 mm	30°	standard
21.0621a	2.7 mm HDSCOPE	187 mm	70°	wide angle

**FLEXILUX II SINUSCOPES** | compatible with system Storz



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0003a	4.0 mm HDSCOPE	175 mm	0°	wide angle
21.0013a	4.0 mm HDSCOPE	175 mm	30°	standard
21.0008a	4.0 mm HDSCOPE	175 mm	30°	wide angle
21.0101a	4.0 mm HDSCOPE	175 mm	45°	wide angle
21.0011a	4.0 mm HDSCOPE	175 mm	70°	wide angle

# Sinuscopes

**FLEXILUX II SINUSCOPES** | compatible with system Wolf



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0051a	4.0 mm HDscope	170 mm	30°	wide angle
21.0053a	4.0 mm HDscope	170 mm	70°	wide angle

**FLEXILUX II SINUSCOPES** | compatible with system Stryker



Item number	Endoscope Ø	Working length	Direction of view	Field of view
21.0081a	4.0 mm HDscope	142 mm	30°	wide angle

Ear-Nose-Throat

# Otoscopes



### FLEXILUX II OTOSCOPE

Soakable



Item number	Endoscope Ø	Working length	Direction of view	Field of view
31.0022s	2.7 mm HDSCOPE	34 mm	0°	wide angle

### FLEXILUX II OTOSCOPE

As item no. 31.0022s but with adapter for ear speculum



Item number	Endoscope Ø	Working length	Direction of view	Field of view
31.0023s	2.7 mm HDSCOPE	34 mm	0°	wide angle

### EAR SPECULUM | for otoscope item no. 31.0023s

1 box = 10 pieces



### Item number

31.0060s



# Ear-Nose-Throat Otoscopies

## FLEXILUX II OTOSCOPE



Item number	Endoscope Ø	Working length	Direction of view	Field of view
31.0019a	4.0 mm HDscope	50 mm	0°	wide angle
31.0018a	4.0 mm HDscope	50 mm	30°	wide angle

# Tele-Laryngo-Pharyngoscopes



## FLEXILUX II TELE-LARYNGO-PHARYNGOSCOPE

- Sharp image, significant depth of field
- High performance illumination
- 2 different magnifications: Panoramic view and examination of details
- Soakable



Item number	Working Ø	Working length	Direction of view
31.0606s	10.0mm	153mm	90°
31.0613s	10.0mm	147,5mm	70°
31.0605s	11.0mm	145mm	90°

# Laryngo-Pharyngoscopes

## FLEXILUX II LARYNGO-PHARYNGOSCOPE

- Sharp image, significant depth of field
- High performance illumination
- Overview enhancement
- Soakable



Item number	Working Ø	Working length	Direction of view
31.0611s	10.0 mm	168 mm	90°

## FLEXILUX II LARYNGO-PHARYNGOSCOPE

- Sharp image, significant depth of field
- High performance illumination
- Overview enhancement
- Autoclavable



Item number	Working Ø	Working length	Direction of view
31.0610a	8.0 mm	166 mm	70°
31.0612a	10.0 mm	173 mm	70°
31.0614a	11.0 mm	174 mm	90°

# Naso-Pharyngoscopes



**NASO-PHARYNGOSCOPE** | 7,000 pixels

- 2 way deflection
- One hand operation
- With ETO valve



Description	Item number
Naso-Pharyngoscope Set 3.2 mm; 7,000 pixels Consisting of: Naso-Pharyngoscope transport case, leakage tester, light guide 05.0086L	31.1001s*

Optical system	
Image resolution	7,000 pixels
Field of view	70°
Direction of view	0°
Depth of field	6 mm - 1,000 mm
Insertion tube	
Distal end outer diameter	3.2 mm
Working length	300 mm
Length movable tip section	20 mm
Bending section	
Angulation range	up 140° / down 140°

\*A left handed version is available on request.

# Naso-Pharyngoscopes

**NASO-PHARYNGOSCOPE** | 16,000 pixels

- 2 way deflection
- One hand operation
- With ETO valve



Description	Item number
Naso-Pharyngoscope Set 3.2 mm; 16,000 pixels Consisting of: Naso-Pharyngoscope transport case, leakage tester, light guide 05.0086L	31.1003s*

Optical system	
Image resolution	16,000 pixels
Field of view	85°
Direction of view	0°
Depth of field	6 mm - 1,000 mm
Insertion tube	
Distal end outer diameter	3.2 mm
Working length	300 mm
Length movable tip section	20 mm
Bending section	
Angulation range	up 140° / down 140°

\*A left handed version is available on request.

# Naso-Pharyngoscopes



## NASO-PHARYNGOSCOPE | 12,000 pixels

- 2 way deflection
- One hand operation
- With ETO valve



Description	Item number
Naso-Pharyngoscope Set 3.8 mm; 12,000 pixels Consisting of: Naso-Pharyngoscope transport case, leakage tester, light guide 05.0086L	31.0001s*

Optical system	
Image resolution	12,000 pixels
Field of view	80°
Direction of view	0°
Depth of field	6 mm - 1,000 mm
Insertion tube	
Distal end outer diameter	3.8 mm
Working length	300 mm
Length movable tip section	25 mm
Bending section	
Angulation range	up 120° / down 120°

\*A left handed version is available on request.

# Video Naso-Pharyngoscope

## VIDEO NASO-PHARYNGOSCOPE

- Clear, full format monitor image through chip-in-tip video technology (CMOS)
- Bright and homogenous illumination by means of an integrated LED illumination engine
- Excellent 135° distal deflection brings hard to reach areas into view
- Thin and extremely flexible 3.8 mm diameter insertion tube optimized for more patient comfort
- Increased physician comfort due to ergonomic handpiece design
- Simple start-up, no camera adjustments or white-balance necessary due to factory video settings and LED illumination
- Absolutely silent controller
- Low cost of ownership since the all-in-one approach replaces fiber naso-pharyngoscope and camera and light source
- Approved for automated reprocessing
- Approved for High Level Disinfection



Description	Item number
Video Naso-Pharyngoscope Set Consisting of: Video Naso-Pharyngoscope, EC150 camera controller, software CD (demo version), leakage tester, transport case	31.0010s.cam

## Video Naso-Pharyngoscope

Optical system	
Image sensor	1/18" CMOS
Image resolution	82,000 pixels
Field of view	85°
Direction of view	0°
Depth of field	6 – 60 mm
Insertion tube	
Distal end outer diameter	3.8 mm
Working length	300 mm
Integrated LED illumination	Yes
Bending section	
Angulation range	up 135° / down 135°

## Camera Controller

Specifications	
Front panel controls	LED intensity control / On-Off
Outputs	2 x Video (CVBS), 1 x USB

# Video Naso-Pharyngoscope



VIDEO NASO-PHARYNGOSCOPE SET





# Video Bronchoscope

## VIDEO BRONCHOSCOPE WITH DEEPVU TECHNOLOGY

- Wide angle view and a full format monitor image through chip-in-tip video technology (CMOS)
- Improved diagnostic capability via the revolutionary DeepVu LED technology (patent pending) which acts like a focussed spotlight and illuminates distant lobes
- Bright and homogeneous illumination by means of a powerful LED engine
- Innovative micro suction regulation, 360° rotation and secure fixation from the exclusive patented suction valve design. (US Patents no. 8, 632, 495 and 9, 004, 451)
- Simple and fast system start-up with no need for camera or white balance adjustments
- Low cost of ownership since it replaces fiber-bronchoscopes with separate camera and light sources with an all-in-one system



Description	Item number
Video Bronchoscope Set Consisting of: Video Bronchoscope, camera controller, software CD (demo version), reusable suction valve, cleaning brush, AER tube set, leakage tester, transport case	01.3000s

## Video Bronchoscope

Optical system	
Image sensor	1/18" CMOS
Image resolution	82,000 pixels
Field of view	120°
Direction of view	0°
Depth of field	3 – 70 mm
Insertion tube	
Distal end outer diameter	5.9 mm
Insertion tube diameter	5.9 mm
Working length	600 mm
Bending section	
Angulation range	up 210° / down 130°

## Camera Controller

Specifications	
Front panel controls	LED intensity control / On-Off
Outputs	2 x Video (CVBS), 1 x USB

# Video Bronchoscope



VIDEO BRONCHOSCOPE SET





## EXCELLENCE INSIDE

LED TECHNOLOGY FOR A LONG LIFETIME  
AND LOW POWER CONSUMPTION.



### LIGHT SOURCES

We offer a wide range of light sources, especially for your requirements. They have an outstanding light performance and offer an optimized connection to the light guide cable.

Our latest light source is the FlexiLux 200 LED. It has a long lifetime (>20,000 h) and a low total power consumption. The multi light guide adapter is suitable for systems Storz, Olympus, Wolf and ACMI.

Our light sources are approved according to medical standards and suitable for the use in the operating room.



## FLEXILUX 200 LED

### FLEXILUX 200 LED LIGHT SOURCE

- No bulbs to exchange - long lifetime (>20,000 h)
- Low total power consumption (50 % less than a 180 W xenon light source)
- High luminance with low temperature development
- Light intensity dimmable 5 – 100 %, Standby modus of the LED (5%)
- Large LCD display shows dim level - easy to read from a distance
- Multi light guide adapter for Storz, Olympus, Wolf and ACMI
- Low fan noise because of low temperature development
- Illuminated buttons and display



- User friendly: integrated SCHÖLLY MIS-bus interface offers direct connectivity to camera - brightness can be adjusted from camera head



MIS - BUS

# FLEXILUX 200 LED



Description	Item number
FlexiLux 200 LED light source	05.0740led

TECHNICAL DATA	
Lamp	Type: LED Color temperature: approx. 6,500 Kelvin Lifetime: > 20,000 h Luminous flux: 1,400 lm
Operation control panel	On-Off with LED-lamp LCD display with current dimming Button for illumination up/down Multi light guide adapter
Connectivity	SCHÖLLY MIS-bus interface
Dimensions/Weight	295 x 130 x 355 mm (W x H x D) / 5.8 kg
Cleaning	Wiping with disinfectant
SYSTEM	
Standard compliance	IEC/DIN EN 60601-1 2nd and 3rd EN 62471
Electromagnetic compatibility	EN 60601-1-2
Directive compliance	CE-mark
According to medical directive 93/42 EEC class 1	
Power connection	100 - 240 V AC, 50/60 Hz
Power consumption	Approx. 140 W

# FLEXILUX 180X

## FLEXILUX 180X

- Compact and powerful xenon light source for all needs
- With adjustable mechanical diaphragm for light adjustment
- Compatible with system Storz (changeable by different adapters on the following page)



Description	Item number
FlexiLux 180X	05.0620x.m1
Spare lamp for FlexiLux 180X (for models as of 2004)	05.0139x.m1
Spare lamp for FlexiLux 180X (for models as of 2003)	05.0139x







Technical data	
Lamp	Type: Xenon arc lamp Power: 180 W Color temperature: approx. 6,000 Kelvin Average lifetime: 500 h Light output: 25 mio. Lux
Operation control panel	On-Off Remaining lamp life indicator Mechanical adjustment of light intensity
Dimensions/Weight	360 x 128 x 320 mm (W x H x D) / approx. 6.8 kg
System	
Power connection	100 - 250 V AC, 50/60 Hz, 400 VA

Adapter

# FLEXILUX 180X



ADAPTER, SUITABLE FOR **FLEXILUX** 180X LIGHT SOURCE

Description	Item number
 <p>Light guide connector for <b>Storz</b> compatible light guides</p>	05.0601r.st
 <p>Light guide connector for Schölly compatible light guides</p>	05.0601r.sc
 <p>Light guide connector for <b>Wolf</b> compatible light guides</p>	05.0601r.wo
 <p>Light guide connector for <b>ACMI</b> compatible light guides</p>	05.0601r.ac
 <p>Light guide connector for <b>Olympus</b> compatible light guides</p>	05.0601r.ol
 <p>Light guide connector for <b>Dyonics</b> compatible light guides</p>	05.0601r.dy



# Light Guides

## HIGHTRANS LIGHT GUIDES, ARMORED AND HIGHLY FLEXIBLE

Strain relieved by kevlar and protected by a sturdy silicone tube, guaranteed autoclavable, internal bending protection at the light source end, min. 5,000 V overvoltage protection, inkl. adapters for your endoscope and light source. Please indicate when ordering with which adapters the light guide should be delivered. In case this information should be missing we would automatically deliver the light guides suitable to system Storz. Recommended for all SCHÖLLY light sources.



Description	Item number
fiber-Ø: 3.5 mm length: 1.8 m	05.0084I
fiber-Ø: 3.5 mm length: 2.3 m	05.0088I
fiber-Ø: 3.5 mm length: 3.0 m	05.0085I
fiber-Ø: 4.8 mm length: 1.8 m	05.0086I
fiber-Ø: 4.8 mm length: 2.3 m	05.0090I
fiber-Ø: 4.8 mm length: 3.0 m	05.0087I


Our light guides are also available with color code.

- Light guides with red sleeve
- Light guides with blue sleeve
- Light guides with green sleeve




Same features as stated above, but recommended for xenon light sources  $\geq 300$  W of third-party suppliers, which are not equipped with sufficient heat insulation:

Description	Item number
fiber-Ø: 3.5 mm length: 2.3 m	05.0088L.HT
fiber-Ø: 3.5 mm length: 3.0 m	05.0085L.HT
fiber-Ø: 4.8 mm length: 2.3 m	05.0090L.HT




**LIGHT GUIDE ADAPTERS\* - LIGHT SOURCE END, SUITABLE FOR LIGHT GUIDES AND**

Description		Item number
	Storz light source	05.0100z
	Wolf light source	05.0102b
	Fujinon light source	05.0107r
	SCHÖLLY light source	05.0104f
	ACMI light source (Circon)	05.0106c
	Olympus light source	05.0101o
	SCHÖLLY adapter for Olympus light sources LCV - S20, -30, -40	05.0103o

**LIGHT GUIDE ADAPTERS - ENDOSCOPES, SUITABLE FOR LIGHT GUIDES AND**

Description		Item number
	Storz endoscope	05.0108z
	Wolf endoscope	05.0110b
	ACMI endoscope (Circon)	05.0112c

**OPTIC ADAPTERS, SUITABLE FOR**

Description		Item number
	Storz light guide <sup>1</sup>	05.0114z
	Wolf light guide <sup>1</sup>	05.0116b
	SCHÖLLY angulated light port adapter (optimized light distribution) compatible with system Storz	05.0115z

Screw sleeves at the optic. All SCHÖLLY endoscopes with fix integrated ACMI (Circon) compatible light guide connector.

<sup>1</sup> Included in delivery of a SCHÖLLY endoscope.



## EXCELLENCE INSIDE

LATEST CMOS TECHNOLOGY FOR AN  
OUTSTANDING IMAGE QUALITY.



### CAMERAS

The combination of excellent image quality and brilliant color reproduction makes these cameras the ideal accessory to the endoscopes of SCHÖLLY. All are approved according to medical standards and suitable for the use in the operating room.

The FlexiVision 10 camera is our latest product in the range of cameras. It is based on a camera platform and offers many new clinical features, using unique video algorithms which are leading to a perfect image quality.

One controller for various applications including laparoscopy, arthroscopy, gynecology, urology, ENT, neuroendoscopy, and cardio ensures long-term efficiency and easy handling.

All rigid, flexible or semi-flexible endoscopes with standard eyepiece can be connected, along with all future SCHÖLLY camera heads, chip-in-tip and chip-in-scope products. This multi-connectivity makes the camera system future-proof.



# FLEXIVISION® 10

## FLEXIVISION® 10 Native Full HD Camera

- Outstanding performance: Native full HD camera with resolution 1920 x 1080 pixels, progressive scan; Edge enhancement and dynamic contrast function for best in class performance; latest sensor technology; no pixel errors due to automatic pixel defect compensation
- Multi-connectivity: All rigid, flexible or semi-flexible endoscopes with standard eyepiece can be connected, also most future SCHÖLLY chip-in-tip and chip-in-scope products
- Optimized for different applications: Three different camera heads with digital zoom – one controller; individually programmable and illuminated function keys on camera head and controller
- Time saving and useful camera presets: Optimized settings for laparoscopy, arthroscopy, gynecology, urology, ENT, fiberscopes, neuroendoscopy, cardio
- MIS-Bus interface for direct light source control via camera head
- Unique Video Algorithms (see Device Options)



## PRIVATE LABEL DESIGN

### Device Options

- Video algorithms for additional image information: selective color enhancement, smoke reduction, grid removal, clear view
- USB for full HD photo capturing
- Front panel buttons
  - 4 buttons: standby, photo capture + up in menu, white balance + down in menu, menu + enter or
  - 2 buttons: standby, photo capture + white balance

### Design Options

- 3D sticker with company logo
- Front foil design: logo design and positioning, device designation, foil color, button illumination
- Camera head: labeling, button colors, focus ring, bent protection color
- Plug: color
- Frame: color
- Instructions for use design: languages, font, color
- Packaging label design



Description	Item number
FlexiVision 10 controller; video algorithms: selective color enhancement, smoke reduction, grid removal, clear view; USB for image capturing; 4 front panel buttons	95.3730
FlexiVision 10 controller; 4 front panel buttons	95.3710
FlexiVision 10 controller; USB for image capturing; 2 front panel buttons; video algorithms optional	95.3720
Camera head straight with parfocal zoom, f = 14.25 - 28 mm	95.3701
Camera head straight with fix focal length, f = 14.25 mm	95.3702
Camera head angulated 90°, f = 14.25 mm	95.3703
FlexiVision 10 controller; video algorithms: selective color enhancement, smoke reduction, grid removal, clear view; USB for image capturing; 4 front panel buttons; camera head straight with Parfocal zoom, f = 14.25 - 28 mm	95.3731
FlexiVision 10 controller; 4 front panel buttons Camera head straight with Parfocal zoom, f = 14.25 - 28 mm	95.3711
FlexiVision 10 controller; USB for image capturing; 2 front panel buttons; video algorithms optional Camera head straight with Parfocal zoom, f = 14.25 - 28 mm	95.3721
USB Stick FlexiVision 16 GB	95.3800
USB Medical keyboard FlexiVision, German layout	95.3810
USB Medical keyboard FlexiVision, US layout	95.3811
Foot control switch	95.3850

TECHNICAL DATA CAMERA HEADS	
Image sensor	1/3" CMOS progressive scan
Image resolution lines	1920 x 1080 pixels
Function keys	3 individually programmable and illuminated keys
Endocoupler	For standard eyepiece
Length camera cable/Weight	3.5 m/210g (without cable)
TECHNICAL DATA CONTROLLER	
Operation control panel	On-Off, menu, white balance, photo
Video outputs	High definition: 2 x DVI (1080p), 2 x HD-SDI (1080i)
Remote outputs	2 x 3.5 phone jack connectors (for connection recording/printer devices)
Remote inputs	2 x 3.5 phone jack connectors (for connection foot control switch)
Connectivity	SCHÖLLY MIS-bus interface
Dimensions/Weight	295 x 100 x 355 mm (W x H x D) / 4.39 kg
SYSTEM	
Standard compliance	IEC 60601-1 2 <sup>nd</sup> and 3 <sup>rd</sup>
Classification	Type CF
Directive compliance	CE-mark
Power connection	100 - 240 V AC, 50/60 Hz
Power consumption	0.8 - 0.4 A

# FLEXISCOPE C1 HD

## FLEXISCOPE C1 HD - CMOS NATIVE FULL HD 1080P ENDOSCOPY CAMERA

- Highest sensitivity and edge enhancement
- SCHÖLLY MIS-bus interface for direct light source control via camera head
- Individually programmable and illuminated function keys on camera head
- Time saving and useful camera presets
- Optimized settings for laparoscopy, arthroscopy, gynecology, urology, ENT, fiberscopes, neuroendoscopy, cardio
- Illuminated buttons



- Three different camera heads – one controller



**FLEXISCOPE C1 HD**



Description	Item number
Camera controller	95.3400
Camera head straight with parfocal zoom, f = 14.25 - 28 mm	95.3011s
Camera head straight with fix focal length, f = 14.25 mm	95.3012s
Camera head angulated 90°, f = 14.25 mm	95.3013s

TECHNICAL DATA CAMERA HEAD	
Image sensor	1/3" CMOS progressive scan
Image resolution lines	1920 x 1080 pixels
Function keys	4 individually programmable and illuminated keys
Endocoupler	For standard ACMI eye piece
Length camera cable	4 m
Weight without cable	Between 200 g and 335 g
TECHNICAL DATA CONTROLLER	
Operation control panel	On-Off, white balance
Video outputs	High definition: 2 x DVI (1080p), 2 x HD-SDI (1080i) Standard definition: 1 x S-Video, 1 x CVBS
Remote outputs	2 x 3.5 phone jack connectors (for connection recording/printer devices)
Connectivity	SCHÖLLY MIS-bus interface
Dimensions/Weight	295 x 100 x 356 mm (W x H x D) / 5.2 kg
SYSTEM	
Standard compliance	IEC 60601-1 2 <sup>nd</sup> and 3 <sup>rd</sup>
Classification	Type CF
Directive compliance	CE-mark
Power connection	100 - 240 V AC, 50/60 Hz
Power consumption	Max. 75 VA









# Camera Cables and Power Cords

## CAMERA CABLE

Description		Item number
	Mis-bus cable length 0.75 m	A059584
	Mis-bus cable length 2.25 m	A057635
Remote control cabel between camera remote output and video peripheral units 3.5 mm phone jack at cinch (RCA) plug		05.9090s.v

## POWER CORDS

Description		Item number
	Power Cord Euro CEE 7/7	05.0700r.cord.eu
	Power Cord UK BS 1363	05.0700r.cord.uk
	Power Cord Japan JIS 8303	05.0700r.cord.jap
	Power Cord India/Africa BS 546	05.0700r.cord.indaf
	Power Cord USA hospital grade	zul.medizin.usa
	Power Cord China GB 2099.1	05.0700r.cord.chi



## EXCELLENCE INSIDE MEANS LOCAL SUPPORT WHEN YOU NEED IT.

### Global customer care and technical services.

Your needs are our focus and the service concepts we develop are centered around this. Through our global service network, we offer local support in your language, guaranteeing the swift and reliable performance of services in line with local pricing structures.

We use original parts for repairs. Function and safety are tested by using state-of-the-art technologies, such as optical measuring stations, helium leak test systems, and electrical safety testing and measurement equipment to DIN / ISO standards. We regularly audit our own service centers, ensuring compliance with internationally uniform quality standards.

For our private label products, we provide you with standardized service concepts that you can access immediately. In this case, not only do we service and repair the devices manufactured by us, we also offer you a replacement service for endoscopes from other manufacturers.

For product solutions that we develop in cooperation with you, our service professionals configure customized service packages at an early stage in the project. While the product exists on paper, they use their knowledge and creativity to define optimum service terms.

SCHÖLLY Service Europe



SCHÖLLY Service North America



## ClassicRepair

Our ClassicRepair program demonstrates our high level of flexibility and expertise in the repair of endoscopes and other devices. Through our Service Department, we offer detailed fault analysis and repairs while at the same time keeping an eye on costs. You can opt for a repair, provided it would be beneficial and safe, or a replacement device.



## Replacement program

We offer replacement programs for virtually all standard medical endoscopes for minimally invasive surgery. Our optimized supply and production processes allow us to provide replacements as swiftly as possible. As a result of this, we are able to offer our replacement services at a very reasonable cost.



SCHÖLLY Service Asia



SCHÖLLY Service South America



## Orthopedics, ENT

**NEW AUTOCLAVABLE FLEXILUX II ENDOSCOPES WITH WARRANTY IN EXCHANGE FOR YOUR USED OR DEFECT ENDOSCOPE.**

Procedure:

- Used or defect endoscopes are returned for credit.
- You receive a new autoclavable FlexiLux II endoscope with 36 months warranty.
- The value of your old scope reduces your purchasing price against current price.
- The endoscope is compatible with your current instrument sets.

Please bear in mind that the selected endoscope must fit to your existing instruments.

**PLEASE SELECT FROM THE FOLLOWING LISTS IN THE TYPE OF SCOPE WHICH YOU WOULD LIKE TO EXCHANGE.**

Arthroscopes/ Sinusscopes	System Storz Item number	System Olympus Item number	System Wolf Item number	System Stryker Item number
Ø 2.7 mm, view 0°	31.0005a , WL 110 mm			
Ø 2.7 mm, view 30°, standard	31.0007a, WL 110 mm			
Ø 2.7 mm, view 70°, wide angle	31.0009a, WL 110 mm			
Ø 2.7 mm, view 0°, standard	21.0617a, WL 187 mm			
Ø 2.7 mm, view 30°, standard	21.0619a, WL 187 mm			
Ø 2.7 mm, view 70°, wide angle	21.0621a, WL 187 mm			
Ø 4.0 mm, view 0°, wide angle	21.0003a, WL 175 mm			
Ø 4.0 mm, view 30°, wide angle			21.0051a, WL 170 mm	
Ø 4.0 mm, view 30°, standard	21.0013a, WL 175 mm			
Ø 4.0 mm, view 30°, wide angle	21.0008a, WL 175 mm	21.0066a, WL 160 mm		21.0081a, WL 142 mm
Ø 4.0 mm, view 45°, wide angle	21.0101a, WL 175 mm			
Ø 4.0 mm, view 70°, wide angle	21.0011a, WL 175 mm		21.0053a, WL 170 mm	

## Laparoscopy, Gynecology and Urology



Laparoscopes Laparoscopy	System Storz Item number	System Wolf Item number	System Olympus Item number	System HSW Item number	System Comeg Item number
Ø 5.0 mm, view 0°	11.0055a	11.0055a	11.0055a	11.0055a	11.0055a
Ø 5.0 mm, view 30°	11.0057a	11.0057a	11.0057a	11.0057a	11.0057a
Ø 10.0 mm, view 0°	11.0031a	11.0031a	11.0031a	11.0031a	11.0031a
Ø 10.0 mm, view 30°	11.0043a	11.0043a	11.0043a	11.0043a	11.0043a
Ø 10.0 mm, view 45°	11.0041a	11.0041a	11.0041a	11.0041a	11.0041a

Laparoscopes Gynecology, Urology	System Storz Item number	System Wolf Item number	System Olympus Item number
Ø 2.9mm, view 0°	41.0160a		
Ø 2.9 mm, view 30°	41.0161a		
Ø 4.0 mm, view 0°	41.0047a	41.1005a	41.1101a
Ø 4.0 mm, view 0°, wide angle	41.0049a		
Ø 4.0 mm, view 5°		41.1001a	
Ø 4.0 mm, view 12°	41.0059a		41.1111a
Ø 4.0 mm, view 25°		41.1011a	
Ø 4.0 mm, view 30°	41.0057a		41.1121a
Ø 4.0 mm, view 30°, wide angle	41.0055a		41.1131a
Ø 4.0 mm, view 70°, wide angle	41.0121a	41.1021a	41.1141a

# EXCELLENCE INSIDE EXPLAINS WHAT SCHÖLLY IS ALL ABOUT

## A family business operating worldwide as a corporate group.

Even at the company's foundation in 1973, its founders Regula and Werner Schöly had a clear aim in sight: to manage a grassroots company that pursued its own ideas with courage, vision, and its own venture capital.

SCHÖLLY soon evolved from a single-device manufacturer into a provider of complex visualization systems, driven by a desire to develop the perfect product for its customers and their specific requirements.

Today, the SCHÖLLY name stands for expertise in making the invisible visible with the aid of micro-optics, fiberoptics, mechanics, software, and electronics. We develop and manufacture all of the elements required for this — from the endoscope through to the complex visualization system.

Our combination of technological superiority, strategic foresight, a spirit of cooperation, and accountability is what truly sets us apart.

As an independent family business that embraces innovation and dynamism, we offer dependability, expertise, creativity, fairness, and respectful openness in our dealings with customers and employees. This philosophy has been the bedrock of our success for more than 40 years. Today, as an international family business, we have 350 employees at the Denzlingen site and 600 employees worldwide.

We have two areas of focus:

### **Medical Endoscopy**

Endoscopic visualization for minimally invasive surgical and diagnostic applications.

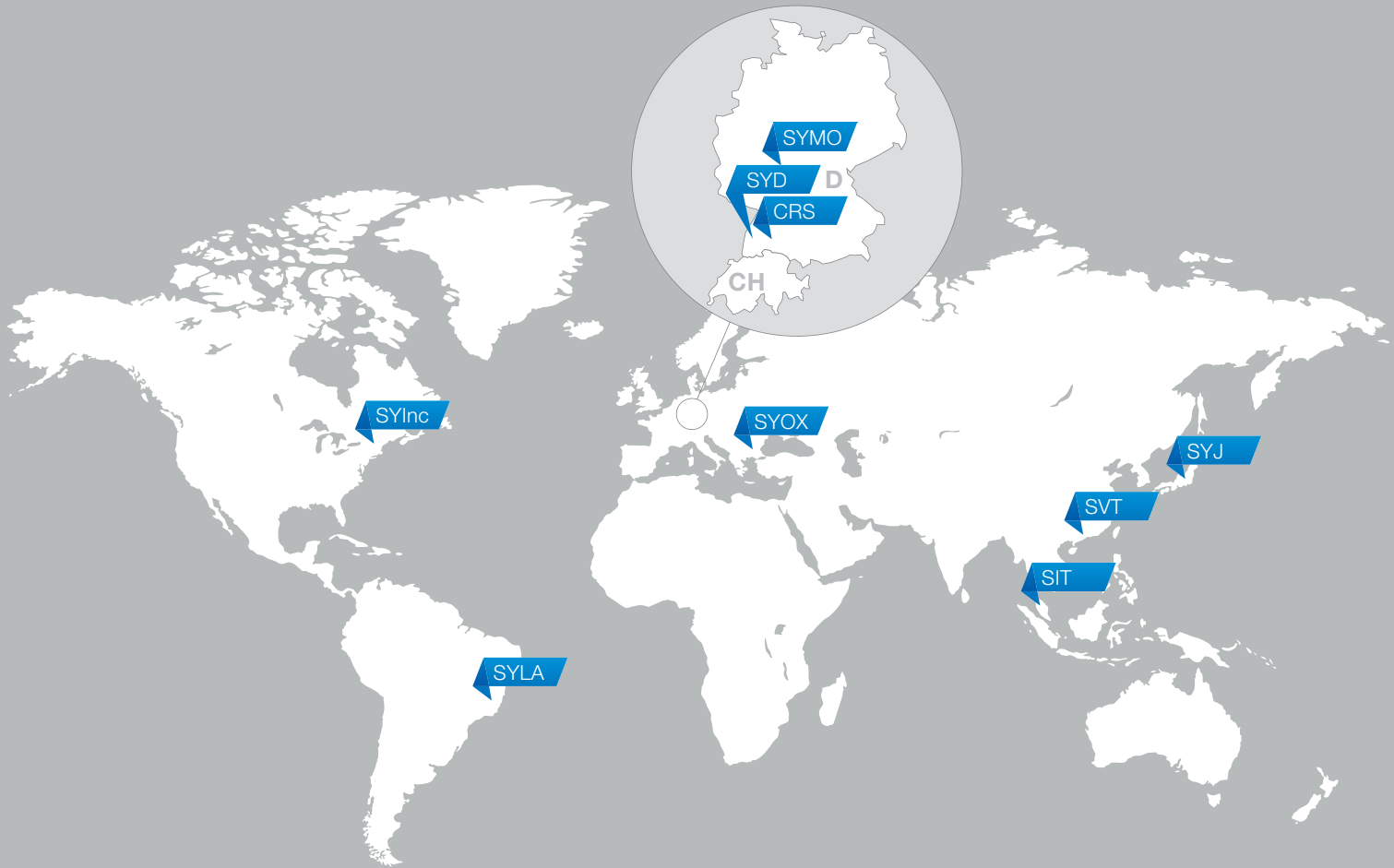
### **Visual Inspection**

Complex visualization systems and modules for industrial inspection activities.

## EXCELLENCE INSIDE

Explains what SCHÖLLY is all about, as...

- thereby we give customers and partners a promise
- we think ourselves in our customers' requirements
- thereby our high expectations towards ourselves, our products and services become apparent
- it reflects the skills and motivation of our employees
- it stands for the quality of our components
- it describes the enthusiasm for what we do



- SYD
**SCHÖLLY FIBEROPTIC GMBH**  
 Denzlingen, Germany
  
- SYJ
**SCHÖLLY CORPORATION**  
 Saitama City, Japan
  
- SYOX
**SCHÖLLY OPTIX OOD**  
 Panagyurishte, Bulgaria
  
- SYInc
**SCHÖLLY INC.**  
 Worcester, USA
  
- SIT
**SCHÖLLY INTEGRATION TECHNOLOGIES SDN. BHD.**  
 Penang, Malaysia
  
- SYMO
**SCHÖLLY MICRO OPTICS GMBH**  
 Biebertal, Germany
  
- SYLA
**SCHÖLLY LATIN AMERICA LTDA.**  
 Belo Horizonte, Brazil
  
- SVT
**SCHÖLLY VISUALIZATION TECHNOLOGIES CO. LTD.**  
 Guangzhou, China
  
- CRS
**C.R.S. iiMotion GMBH**  
 Villingen-Schwenningen, Germany

## FUNCTIONS

- Research and Development
- Production
- Customer Support and Technical Service

[www.schoelly.de](http://www.schoelly.de)





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