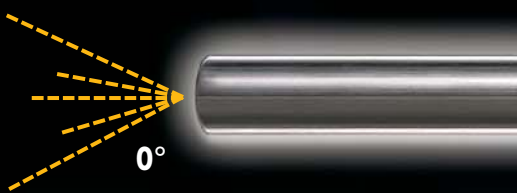
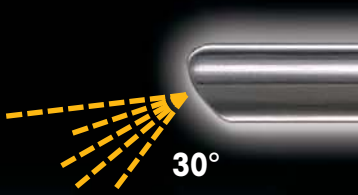


*eye***MAX**®  
CCD LAPAROSCOPES  
5 mm / 10 mm

*eye***MAX**®



# Chip-on-the-tip





## The spirit of vision – Chip-on-the-tip laparoscopes

**eyeMAX** chip-on-the-tip technology sets new standards in laparoscopy with the latest generation CCD endoscopes. The image sensor, directly fitted within the distal tip of the endoscope, ensures clear and needle-sharp

images. **eyeMAX** stands for high-tech solutions for improved handling.

By doing away with optical interfaces, **eyeMAX** reduces the risk of surface condensation

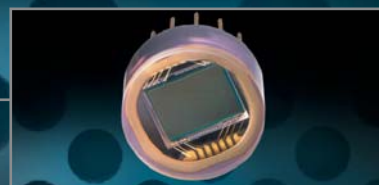
and thus enables you to carry out laparoscopy work without this disturbance.

Freely programmable remote control buttons are naturally standard. The user decides from

### **eyeMAX 10 mm**



### **eyeMAX 5 mm**



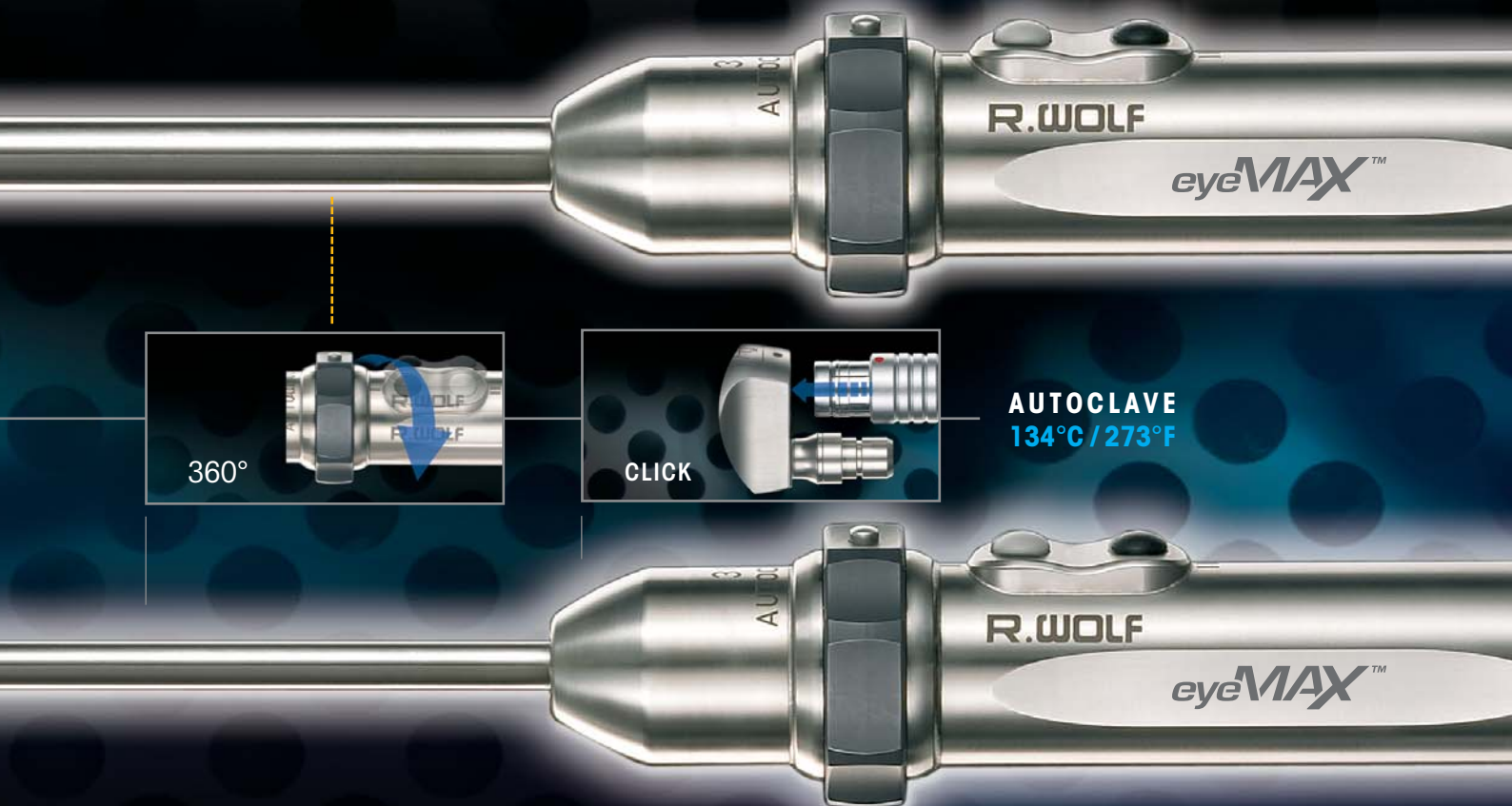
#### Benefits of **eyeMAX 5 mm**

- ❑ Safety through reduced operation trauma (minimal invasive procedure).
- ❑ 5 mm working trocars become telescope trocars as required.
- ❑ Free access change.
- ❑ Good visualization of the operation site with different perspectives.

#### General benefits

- ❑ Outstanding depth of sharpness.
- ❑ No refocussing.
- ❑ Maximum color brilliance.
- ❑ Direct image transmission and digital image processing for excellent image quality.

within the sterile field which functions of the ENDOCAM 5520 controller he would like to control from the endoscope.



#### Cleverly solved

- ❑ Angle of view 0° and 30°.
- ❑ Unique image correction in the 30° version. The operator always retains the correct upright orientation.
- ❑ Ergonomic handling = Relaxed operation.
- ❑ Video cables and light cables are removable in *eyeMAX* laparoscopes.
  - ✓ Easy handling during reprocessing.
  - ✓ Service-friendly. The video cable can be changed separately.
  - ✓ Full machine reprocessing and fully autoclavable.

#### Fewer optical elements in the endoscope

- ✓ Maximum durability and reliability.





Video







CCD Laparoscopes				Camera cable	eyeMAX set 10 mm	eyeMAX set 5 mm
0°		30°				
PAL	NTSC	PAL	NTSC			
●				●	8934.5311	8935.5311
	●			●	8934.5811	8935.5811
		●		●	8934.5321	8935.5321
			●	●	8934.5821	8935.5821

Digital ENDOCAM 5520 for connecting **eyeMAX** CCD endoscopes. Fully compatible with all types of RICHARD WOLF CCD endoscopes and camera heads 5520.



- ✓ Digital image processing for optimum image results.
- ✓ DV digital signal output (IEEE1394).
- ✓ Can be integrated into **CORE** for central control of all functions in the integrated OR.

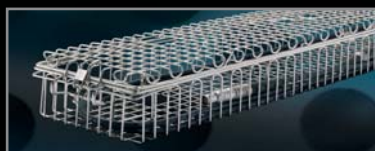
### Processing basket

for reprocessing and autoclaving of **eyeMAX** CCD laparoscopes; L x W x H: 620 x 132 x 78 mm.

Capacity

1 CCD laparoscope and

1 camera cable ..... 38045.211



### Technical Data (CCD laparoscopes)

Diameter ..... 5 mm or 10 mm  
Working length ..... 300 mm  
Image size ..... full format  
Cable length ..... 2600 mm



### Light cable

Recommended flexible fibre light cable:

Length: 3000 mm,  
Ø 4.5 mm ..... 8061.456

Length: 2300 mm,  
Ø 3.5 mm,  
high temperature-resistant ..... 8063.353