

**OLYMPUS**<sup>®</sup>

Your Vision, Our Future

**ENDOEYE**  
**FLEX 3D**

3D ENDOEYE FLEX DEFLECTABLE VIDEOSCOPE

**LTF-190-10-3D**

The world's only deflectable tip laparoscope delivering high-definition video in 3D



## Main Features

### HDTV in 3D

The ENDOEYE FLEX 3D utilizes high-density image sensors at the distal end of the videoscope providing 3D images in high definition.



### Angulation (100 degrees)

The ENDOEYE FLEX 3D can bend up to 100 degrees in four directions. This function provides a critical clinical view during surgery while maintaining an optimum and correct visual orientation, which cannot be achieved with conventional rigid telescope and camera head 3D systems.



### Focus Free

ENDOYE technology using distally located image sensors maximizes the 3D benefit by means of a brighter, more light-sensitive image with greater depth of field, while eliminating manual focusing.



### Improved speed, accuracy and precision

ENDOYE FLEX 3D provides improved speed, accuracy and precision independent of skill level, while helping to shorten the learning curve for surgical tasks.

### Easy switching of 2D to 3D

The viewing mode is easily switched back and forth between 2D and 3D.

### NBI (Narrow Band Imaging) in 2D/3D

NBI enhances visualization of the capillary network and is easily available during surgery in both 2D and 3D.



## Specifications

Optical System	Lens system	Dual-lens 3D optical structure
	Field of view	80°
	Direction of view	Forward viewing
	Depth of field	18–100 mm
Insertion Section	Distal end outer diameter	10 mm
	Rigid section outer diameter	10 mm
	Working length	370 mm
Bending Section	Angulation range	Up 100°, Down 100° Right 100°, Left 100°
Total Length		3600 mm
Weight	Actual weight when in use	490 g
Remote switch		3 switches in the control section
Cleaning/Disinfection/Sterilization	Cleaning/disinfection	Immersible in disinfectant solution
	Sterilization	Sterrad/ETO

## Accessories

RIGID SHEATH FOR LTF-190-10-3D  
MAJ-2079



\*Sales will start sequentially from areas where product registration has been completed.

Leakage tester  
WA23070A



Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.