

December 5, 2017

**Expansion in 3D Surgical Endoscopes lineup with Deflectable Tip Type  
for VISERA ELITE II System  
Support for Trouble-Free Surgery, with Intuitive Operation  
Providing Smooth Viewpoint Changes**

**Olympus Corporation (President: Hiroyuki Sasa) today announced the launch in Japan, Europe and parts of Asia from late December 2017 of the LTF-S300-10-3D ENDOEYE FLEX 3D deflectable videoscope, a new 3D surgical endoscope that is designed for use with the VISERA ELITE II.**

Endoscopic surgical procedures involve a number of incisions being made in the body to allow the insertion of a surgical endoscope or other specialist instruments. Placing less stress on the patient than open procedures, endoscopic surgery is used as minimally invasive surgery in a wide variety of clinical applications.

The new LTF-S300-10-3D is a 3D surgical endoscope that is used in conjunction with the VISERA ELITE II surgical endoscope system launched in March 2017. Together with the ENDOEYE rigid 3D videoscope launched in May 2017, the new endoscope expands Olympus's range of 3D scope product lineup that support fast and precise endoscopic surgery.

As the new endoscope owns the deflectable tip which has been world-firstly incorporated as a 3D endoscope with the previous model<sup>1</sup>, the new model can provide not only a front view of the tissue being operated on but also other angles, including even from behind. This freedom to view from any angle helps make the most of the available space during surgery, even for procedures with a high degree of difficulty. The new endoscope has also been designed to make observation considerably easier thanks to the adoption of a new joystick controller and a shorter scope tip. Moreover, used with the VISERA ELITE II, the LTF-S300-10-3D also provides higher image quality with greater 3D depth perceptions.

The VISERA ELITE II supports a variety of different imaging modalities, including infra-red (IR), 2D, and narrow-band imaging (NBI) as well as 3D. It also helps hospitals make efficient operations of the system by serving as a universal surgical platform with an extensive range of compatibility with numerous different camera heads and videoscopes.

<sup>1</sup> ENDOEYE FLEX 3D DEFLECTABLE VIDEOSCOPE OLYMPUS LTF-190-10-3D

**●Launch Overview**

Name	Launch Date
ENDOEYE FLEX 3D DEFLECTABLE VIDEOSCOPE OLYMPUS LTF-S300-10-3D	Late December 2017

**●Main Features**

**1. Joystick for intuitive operation of tip contributes to smooth and steady change of views**

The adoption of a joystick in the controller provides the operability to intuitively move the scope tip vertically, laterally, or diagonally, as needed, making it possible to change the views smoothly to the site of interest. This helps the surgeon to obtain the desired viewpoint fast and precisely, and track organ movements smoothly.

**2. Approximately 20% shorter tip supports for close-up observation in narrow cavities**

An issue with the past model when operating in narrow spaces, such as in the vicinity of the rectal or pelvic cavity, has been that a lack of space for articulating the tip has made it difficult to position the scope close to the desired location. The LTF-S300-10-3D has a tip that is approximately 20% shorter than the previous model<sup>1</sup>, thereby making it easier to achieve close-up observation, even in narrow spaces. This contributes to making surgery go more smoothly.



**ENDOEYE FLEX 3D Deflectable Videoscope  
LTF-S300-10-3D**



**New joystick controller**

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