

Medical Control Unit for Endosurgery

UCES-4

Simplify Your Procedure Room Workflow with Integrated Control



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Today, many hospitals are forced to manage numerous multi-generational devices using different video formats, making it difficult for clinical staff to efficiently use these products in various procedure settings.

Olympus' workflow support solution tackles this challenge by providing a Class II medical device allowing clinicians to control the medical devices most relevant to their clinical environment through a centralized one-touch controller, called the UCES-4.

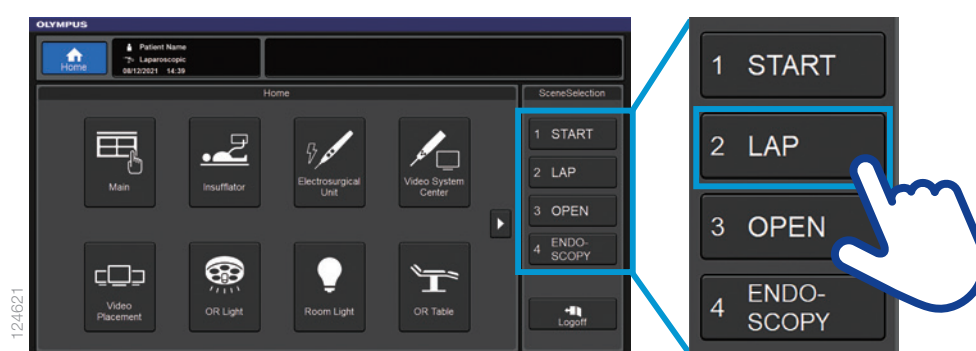
Olympus simplifies clinical workflows by connecting and configuring all the necessary equipment according to the clinical staff's needs. With a single touch, all connected devices can be operated using the SCENE SELECTION feature.

The UCES medical device controller operates the latest imaging technology, including 12G-native 4K and 3D. Compatible with nearly all Olympus devices, the UCES-4 also supports integration with medical devices from multiple industry partners.



Main Features

- Workflow-oriented user interface maximizes efficiency and optimizes productivity
- Compatible with over 75 medical device units
- SCENE SELECTION simplifies and standardizes clinical workflow with one-touch control
- Enables in-room 4K/3D video integration with native 12G-SDI (UCES-4 Software version 1.4 or later)
- Optimized for Olympus, but also supports vendor-neutral video management
- Compatible with the family of EASYSUITE solutions and documentations systems (nCare™/VaultStream™)



Scene: **Start**

Preparation Mode



Light Source

Stand - by



Insufflation

Off



Observation Video



Scene: **Laparoscopy**

Laparoscopy Mode



Light Source

On



Insufflation

Start



Laparoscopy Video



System Concept



Compatibility

Centralized control of medical devices

Olympus:

- Video processors
- Electrosurgical units
- Ultrasonic units
- EASYSUITE family
- Monitors
- Insufflators
- Light sources

Partner companies:

- Electrosurgical units
- Surgical lights
- Surgical cameras
- Surgical tables
- Video matrix switchers
- Video recorders
- Image capturing units
- Control of multiple types of tables in a single procedure room
- Mechanical stop-button enhances patient safety

Specifications							
UCES-4 Medical control unit			MAJ-2191 Extension unit for UCES-4				
Power supply	Voltage	100 - 240 V		Power supply	Voltage	100 - 240 V	
	Voltage fluctuation	Within ± 10%			Voltage fluctuation	Within ± 10%	
	Frequency	50 / 60 Hz			Frequency	50 / 60 Hz	
	Frequency fluctuation	Within ± 1 Hz			Frequency fluctuation	Within ± 1 Hz	
	Input current	100 VA			Input current	60 VA	
Size	Dimensions	370 (W) × 115 (H) × 433 (D) mm		Size	Dimensions	370 (W) × 73 (H) × 313 (D) mm	
	Dimensions (maximum)	375 (W) × 120 (H) × 451 (D) mm			Dimensions (maximum)	375 (W) × 79 (H) × 331 (D) mm	
	Weight	7.1 kg			Weight	3.8 kg	

EASYSUITE family may not be available in some areas.

As medical knowledge is constantly growing, technical modifications or changes of the product design, product specifications, accessories and service offerings may be required.



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