

# **ACCESSORY SOLUTIONS GUIDE**





## **ACCESSORY SOLUTIONS GUIDE**

As the pioneering company in the field of endoscopy, Olympus is committed to providing physicians and support staff with the tools they need to offer top-notch patient care. Our accessories are developed to be easy to use while delivering optimal performance and quality. Whether it is a monitor with outstanding image quality, a printer with high-definition prints, or a workstation with easy maneuverability, Olympus accessories will help you take endoscopy to the next level.





## **WORKSTATIONS**

Olympus workstations are designed to accommodate our endoscopy systems in both GI and surgical settings. With a modular design and compatibility with a wide variety of accessories, workstations can be customized to meet your specific needs. Olympus workstations have been rigorously tested to ensure they perform time after time.







## **WM SERIES**

### **Features**

### WM-NP2 Narrow Workstation WM-DP2 Double-Wide Workstation

- **Storage** Workstations accommodate the widest range of video endoscopy and ancillary equipment.
- Monitor position A gas-assisted LCD monitor arm allows the operator to optimize the viewing position with ease.
- Maneuverability Handles on the front, side, and rear of the top shelf allow easy cart movement.
- Cable management The addition of dedicated cable winders at the rear of the workstation shelves allows convenient management of cable channels integral to the workstation.
- Keyboard tray The tray design offers flexibility with two options: a rotating and extending keyboard tray or a conventional pullout style.
- Double scope hanger The hanger accommodates all Olympus models and holds two endoscopes via a unique scope hanger design.
- Equipment on/off switch The output from the separation transformer is controlled using a central on/off switch.

### Construction

#### Workstation

- Hoop: Extruded profile aluminum
- Shelves: Milled Steel
- Top tray: Injection-molded ABS

## **Specifications**

#### WM-NP2

- Dimensions: 650 mm (W) x 1826 mm (H) x 700 mm (D)
- Weight: 85 kg (including transformer)

### WM-DP2

- Dimensions: 1170 mm (W) x 1436 mm (H) x 700 mm (D)
- Weight: 120 kg (including transformer)



WM-NP2



## WM SERIES (continued)

## Configurations

### **WM-NP2 CART**

#### **Basic GI Cart**

Item # K10016678

Includes:

■ WM-NP2 workstation (with transformer)

### **GI Standard Cart**

Item # K10021764

Includes:

- WM-NP2 workstation (with transformer)
- MAJ-1641 LCD monitor arm
- MAJ-1640 sliding keyboard tray
- MAJ-1638 scope pole kit

### GI Standard Cart with CO,

Item # K10021769

Includes:

- WM-NP2 workstation (with transformer)
- MAJ-1641 LCD monitor arm
- MAJ-1640 sliding keyboard tray
- MAJ-1638 scope pole kit
- MAJ-1653 dual cylinder holder

#### WM-DP2 CART

### **Basic GI Cart**

Item # K10023340

Includes:

WM-DP2 workstation (with transformer)

#### **GI Standard Cart**

Item # K10020639

Includes:

- WM-DP2 workstation (with transformer)
- MAJ-1641 LCD monitor arm
- MAJ-1640 sliding keyboard tray
- MAJ-1638 scope pole kit

### GI Standard Cart with CO,

Item # K10022086

Includes:

- WM-DP2 workstation (with transformer)
- MAJ-1641 LCD monitor arm
- MAJ-1640 sliding keyboard tray
- MAJ-1653 dual cylinder holder

## **Optional Accessories**

Item #	Description
K7505088	Adapter cable
MAJ-155	Universal display
MAJ-195	Cable retaining hook
MAJ-683	Articulating support arm for EUS probes
MAJ-1638	Scope pole kit WM-P2
MAJ-1639	Single CO <sub>2</sub> cylinder holder (140 mm) WM-P2
MAJ-1640	Sliding keyboard tray WM-P2
MAJ-1641	LCD monitor arm WM-P2 (max 30 lbs)
MAJ-1642	IV pole WM-P2
MAJ-1643	Lockable drawer unit WM-P2
MAJ-1647	Transformer 110–120 V WM-P2
MAJ-1653	Dual CO <sub>2</sub> cylinder holder WM-P2
MAJ-1654	Equipotential terminal strip WM-P2
MAJ-1655	OEV-261H PSU holder WM-P2
MAJ-1656	Footswitch holder WM-P2
MAJ-1657	Keyboard arm (side mounted) WM-P2
MAJ-1658	Universal stowage container WM-P2
MAJ-1659	Equipment support rail WM-P2
MAJ-1660	Cable retaining hook WM-P2
MAJ-1662	Nurses control panel arm WM-P2
MAJ-1663	EUS arm mount kit WM-P2
MAJ-1664	Nurses control panel arm (long) WM-P2
MAJ-1665	Camera head holder WM-P2
MAJ-1666	Side shelf WM-P2
MAJ-1679	LCD Monitor Arm WM-P2 (29-34 lbs)
MAJ-1985	CO <sub>2</sub> splitter
MAJ-2149	Dual Monitor Arm





## WM SERIES (optional accessories)













MAJ-1638

**MAJ-1639** 

MAJ-1640

MAJ-1641/ MAJ-1679

MAJ-1642

MAJ-1643













MAJ-1653

**MAJ-1655** 

**MAJ-1656** 

**MAJ-1657** 

**MAJ-1658** 

**MAJ-1659** 











**MAJ-1660** 

**MAJ-1662** 

**MAJ-1664** 

**MAJ-1665** 

**MAJ-1666** 

## TC-C4 Compact Trolley

### **Features**

### **TC-C4 Compact Trolley**

- Compact The compact design means the TC-C4 is ideal for use in facilities where space is limited
- Easy to Move The compact trolley is easy to move due to its lightweight and integrated handles at the front and rear of the top tray
- Monitor Support OThe TC-C4 is offered with a choice of monitor arm or monitor mount for optimal image viewing position
- Large Top Tray The top tray provides a large space for working or can be used to place equipment for increased storage capacity
- Integrated Separation Transformer Optional transformer placed under the base allows for increased shelf space for equipment loading.

## **Specifications**

The Olympus TC-C4 is a compact workstation designed to support endoscopic ultrasound processors.

- Dimensions: 1110 mm (H) x 675 mm (D) x 534 mm (W)
- Height: To top tray work surface: 1100 mm, with 26" LCD monitor in highest position: 1945 mm
- Weight: Maximum 87 kg (unladen) including fitted transformer
- Construction: Shelves are made from mild steel, the top tray is constructed of Injection moulded ABS

### Voltage

The TC-C4 can be supplied with a separating transformer

Item #	Description
MAJ-1647	WM-T2 Transformer 110-120V



TC-C4



TC-C4 Compact Trolley (continued)

## Standard Sets

TC-C4 Compact Trolley plus items marked (•).

Item #	Part Description	Part Number	Set 1 K10029884	Set 2 K10029889	Set 3 K10029894	Set 4 K10029899
MAJ-2146	Sliding Keyboard Tray	K10027573	•	•	•	•
MAJ-1684	Scope Pole Kit	K10027281	•	•		
MAJ-2148	Rear Panel	K10027574	•		•	
	Transformer		•		•	
MAJ-1686	Drawer Unit	K10027569				
MAJ-2147	Compact LCD Monitor Arm	K10026879				
MAJ-1683	LCD Monitor Mount	K10026888				
MAJ-1656	Footswitch Holder	K10021790				
MAJ-1639	CO2 Cylinder Holder (140 mm)	K10021041				
MAJ-1665	Camera Head Holder	K10022056				
MAJ-1663	EUS Arm Mount Kit	K10021797				
MAJ-1658	Universal Storage Container	K10021792				
MAJ-110	Jar Mounting Kit TC	K7503556				
MAJ-1654	Equipotential Terminal Strip	K10021352				



## **ROLL STANDS**

Olympus has partnered with GCX to provide mounting solutions that provide secure positioning, mobility, and ergonomic access to medical devices and computer hardware for any clinical environment. Whether you are looking for medical device or IT mounts for exam rooms, emergency departments, operating rooms, PACUs, med-surg areas, critical care, or radiology, we have the solution.



Standard





## VHRS™ Variable Height Roll Stands for Flat Panel Displays

#### **Features**

- Height adjustment range up to 14.5" with easy-to-use knob and gas spring-assisted adjustments
- 25" aluminum base with built-in cast iron counterweights
- VESA® FDMI™ 75/100 mm compatible for monitor mounting
- Includes power supply holster

## **Specifications**

### Standard Roll Stand (OL-0015-02)

- Weight range: 5–25 lbs (2.3–10.4 kg)
- Minimum height: 47" (119.4 cm)
- Maximum height: 61.5" (165.2 cm)
- Includes OL-0015-25 with both large and small power supply holsters

### Specifications (Continued)

### Heavy Roll Stand (OL-0015-07)

- Weight range: 23-31.5 lbs (10.4-14.5 kg)
  - Minimum height: 47" (119.4 cm)
- Maximum height: 61.5" (156.2 cm)
- Includes OL-0015-20 with small power supply holster

## Tall Roll Stand (OL-0015-08)

- Weight range: 5-25 lbs (2.3-11.3 kg)
- Minimum height: 59" (149.9 cm)
- Maximum height: 73.5" (186.7 cm)
- Includes OL-0015-25 with both large and small power supply holsters

### Tall Heavy Roll Stand (OL-0015-10)

- Weight: 31.6 lbs (14.5 kg)
- Minimum height: 59" (149.9 cm)
- Maximum height: 73.5" (186.7 cm)
- Includes RS-0004-22 RS handle, Olympus OL-0015-25 RS power supply mount, FLP-0010-18 flat panel VESA larage display 200 x 400 mm









Heavy





**Tall Heavy** 





## VHRS™ Variable Height Roll Stand Accessories

### Accessories



## **Specifications**

- Power Supply Holster and Cable Cleat for 2" Post (OL-0015-20)

  Available as accessory for facilities using a proviously
  - Available as accessory for facilities using a previously purchased roll stand model
- Power supply holster for OEV-261H monitor (OL-0015-25)
- Power supply holster upgrade kit for use with OL-0015-20 for OEV-261H monitor (OL-0015-35)
- Wall mount power supply holster for OEV-261H (OL-0015-30)



6" utility basket (OL-0015-22)



 4-outlet power strip and cable cleat (OL-0015-21)





## VHM™ Variable Height Mounts for Flat Panel Displays

#### Accessories



### **Specifications**

## M-Series 8" $\times$ 8" Articulating Arm for Flat Panel Displays (OL-0014-05)

- Articulating arm offers swivel/tilt adjustments and three pivot points for lateral adjustability
- Range of motion from flush to full extension and cable management
- VESA® FDMI™ 75/100 mm compatible
- Maximum monitor weight: 30 lbs (13.6 kg)
- Mounting channel sold separately



# VHM<sup>™</sup> Variable Height Mount for Flat Panel Displays (OL-0014-13) (OL-0014-14)

- Provides lateral positioning, extension, gas spring-assisted height adjustment, and swivel/tilt adjustments for optimal viewing angle
- Vertical motion range +/- 60 degrees with 17" (43.2 cm) total travel
- Lateral motion range +/- 90 degrees (from perpendicular to the wall)
- VESA® FDMI™ 75/100 mm compatible
- Maximum monitor weight: 5–22 lbs (2.3–10 kg) for OL-0014-13; 22–35 lbs (10–15.9 kg) for OL-0014-14
- Mounting channel sold separately



## M-Series 12" Pivot Arm (OL-0014-01)

- Pivot arm offers swivel/tilt adjustments and two pivot points for lateral adjustability
- Features range of motion from flush to full extension and cable management
- VESA® FDMI<sup>™</sup> 75/100 mm compatible
- Maximum monitor weight: 30 lbs (13.6 kg)
- Mounting channel comes standard





## **Additional Mounting Options**

### Accessories



### **Specifications**

## Pedestal Mount for Flat Panel Displays (OL-0014-02)

- Desktop pedestal with 12" (30.5 cm) column provides 90 degree (left or right) rotation for landscape and page mode display operation
- Ideal for flat panel displays up to 27" (50.8 cm) and 20 lbs (9 kg) with 75/100 mm VESA® mounting patterns



## Power Supply Channel Mount (OL-0014-20)

- Universal holster to securely mount a variety of power supply units
- Maximum size: 4" (10.2 cm) x 4" (10.2 cm) or 16" (40.6 cm) perimeter
- Minimum size: 1.4" (3.6 cm) × 2.3" (5.8 cm) or 7.4"
   (18.8 cm) perimeter
- Can be vertically or horizontally oriented
- Includes 12" (30.5 cm) and 18" (45.7 cm)
   Velcro straps and cleat for cable management



## Mounting Channel — Seismic (OL-0014-10)

- Seismic 19" (48.3 cm) wall channel
- Includes mounting hardware and instructions
- OSHPD preapproved







## **MONITORS**

Olympus offers a variety of monitors that range in size to fit your unique needs. With high-definition capabilities and features such as picture-in-picture, our monitors provide a customizable and optimal viewing experience.

## **Monitors**



OEV-262H



## **Monitors**

## Medical-Grade Displays

Monitor Specifications					
Item #	Manufacturer	Size	Resolution	Weight	Power Supply Part #
OEV-262H	Olympus	26"	1920 x 1080	17.2 lbs	AC-110MD (optional)
LMD-X310S	Sony	31"	4096 x 2160	26 lbs	N/A
LMD-2451MD/HD	Sony	24"	1920 x 1200	18.4 lbs	A1776812A
LMD-1951MD/HD	Sony	19"	1280 x 1024	14.8 lbs	A1555791A
LMD-1530MD	Sony	15"	1280 x 768	13.7 lbs	N/A
IS20299	National Display	55"	1920 x 1200	73 lbs	N/A
IS20420	National Display	42"	1920 x 1080	42.5 lbs	N/A
IS20320	National Display	32"	1920x1080	29 lbs	IS20059
IS2027RU	National Display	27"	1920 x 1080	19.5 lbs	IS20059
IS20219	National Display	19"	1280 x 1024	10 lbs	N/A

Wireless Monitor Kits and Components				
Item #	Description	Quantity		
IS40116	ZeroWire G2 Pair	1		
IS40117	ZeroWire G2 Receiver	1		
IS40118	ZeroWire G2 Transmitter	1		
MAJ-2011	Mounting brackets	2		
IS40119	Adapter for MAJ-2011	2		
IS40120	ZeroWire G2 Pair and MAJ-2011 Attachment	1		
IS40121	ZeroWire G2 Receiver and MAJ-2011	1		
IS40122	ZeroWire G2 Transmitter and MAJ-2011	1		

## **Monitors**

## **Additional Mounting Options**

### Accessories

### PLATES COVERS AND WALL MOUNT

Item #	Description
FLP-0010-18	Bracket for mounting large monitor
FLP-0002-17C	VESA® plate for mounting a flat panel
COVER-2426	Olympus logo monitor cover fits 24" and 26" monitors (fits Olympus- and Sony-branded monitors only)
IS72036	Wall Mount to Support Displays from 39" to 80"
IS72040	Universal Mounting Adapter (to be used with IS72036)

## **CABLES**

### **SDI Cables**

Item #	Description
OIS-09665	SDI w/ RG-6 serial digital video BNC, 3 ft
OIS-09670	SDI w/ RG-6 serial digital video BNC, 6 ft
OIS-09675	SDI w/ RG-6 serial digital video BNC, 12 ft
OIS-09680	SDI w/ RG-6 serial digital video BNC, 25 ft
MAJ-1464	SDI, 72 ft
MAJ-1951	SDI, 8 ft
MAJ-1912	SDI, 27 ft

### **RGB Cables**

Item #	Description
MAJ-1586	Olympus harnessed RGB and sync cable, 6.5 ft
MAJ-1462	Olympus harnessed RGB and sync cable, 22 ft
MAJ-1584	Olympus harnessed RGB and sync cable, 49 ft
55547L3-1	Harnessed RGB and sync cable, 3 ft
55547L6-1	Harnessed RGB and sync cable, 6 ft
55547L25-1	Harnessed RGB and sync cable, 25 ft

## Cables

### **CABLES**

## **BNC Cables**

Item #	Description
5556L3-1	BNC cable, 3 ft
55556L6-1	BNC cable, 6 ft
55556L12-1	BNC cable, 12 ft
55556L25-1	BNC cable, 25 ft
55556L50-1	BNC cable, 50 ft

### Y/C Cables (S-Video)

Item #	Description
8320058-1	Y/C cable, 6 ft
8320060-1	Y/C cable, 12 ft
8320057-1	Y/C cable, 25 ft







## **PRINTERS**

Olympus color printers provide a high-quality solution for all your documentation needs. From record keeping to patient consultations, Olympus printers reproduce the clear, crisp images you see on the screen.

## **Printers**



OEP-5





## **Printers**

## OEP-5 and UP-25MD

### **OEP-5 Features**

The OEP-5 color video printer was developed specifically for use with Olympus endoscopes, video system centers, camera control units, and endoscope ultrasound centers to provide diagnostic-quality printed images.

- High-definition printing with accurate reproduction of HDTV signals
- Prints in true 16:9 and 16:10 resolution
- Advanced color reproducibility
- Designed specifically for use with Olympus scopes
- Prints in only 29 seconds, even at the highest image quality
- USB connection offers flexibility
- User-friendly graphic user interface
- Emergency backup memory feature
- 8-frame memory
- Prints 1, 2, 3, or 4 images per page

## **OEP-5 Specifications**

- Dimensions: 280" (W) × 125" (H) × 398" (D)
- Weight: 9 kg

### UP-25MD Features

- Compact footprint
- High resolution 423 dpi
- Low noise quiet fan
- Easy maintenance auto cleaning
- Uses current media
- New laminated media option
- Supports HDTV signal automatically
- Prints A6 size (approx. 3" x 5")
- 4-frame memory
- Prints 1, 2 or 4 images per page

## **UP-25MD Specifications**

- Dimensions: 212" (W) × 98" (H) × 398" (D)
- Weight: 5.7 kg

### Printer Accessories\*

Item #	Description
MAJ-898	Remote control
MH-984	RGB cable
55556L6-1	BNC cable, 6 ft
MAJ-884	Printer cable set: Includes RGB, BNC, and remote cables

\*Printer cables must be ordered separately.





## **Printers**

## Paper

Part #	Description	Printer Series
UPC-55	A5 color print pack (200 sheets and 2 ribbon packages)	OEP-4/OEP-5
UPC-510	Color print pack (200 sheets)	OEP-3
UPC-21L	Color print pack, large (200 sheets)	UP-20/21/25MD
UPC-21S	Color print pack, small (240 sheets)	UP-20/21/25MD
UPP-110HG-1	High gloss paper (10/package)	UP-895MD
UPP-110HD-1	Thermal paper (10/package)	UP-870MD
UPP-110HA-1	Sony high dynamic range paper (10/package)	UP-870MD
368529201	Paper tray cover (eject smoke color)	OEP/OEP-3
A8286208D	Tray assembly, paper supply	OEP-4









## SCOPE STORAGE CABINETS

Olympus has partnered with Mass Medical Storage to bring you endoscope storage cabinets especially designed for your Olympus endoscopes. With innovative features, a dry, fresh environment, and a space-saving design, we deliver the ability to take your facility to new levels of efficiency.

### ScopeLocker 9/18 with HEPA



ScopeLocker 4/8 with HEPA



## ScopeLocker 9/18 with HEPA locked



ScopeLockerPB with HEPA



ScopeLockerShort 9/18 with HEPA







## **Optimal Storage Solutions**

#### **Features**

## Exclusive Secure-A-Scope™ Storage System — Engineered to Fit Olympus Endoscopes

- Makes loading and removing scopes easy, safe, and secure
- Provides complete separation and positive feedback so the user knows scopes are firmly held in place
- Highest hanging height in industry that can hang all your scopes
- Front holders rotate to allow easy access to rear scopes no need to unload the front scope to get to scopes in the back of the cabinet

## ScopeLocker Product Line Comes Standard with the MASStruHEPA™ Fan Unit

- AORN guidelines state that using HEPA-filtered air can assist with prevention of bacterial growth on the stored endoscope
- Adding positive pressure to the HEPA filter design incorporates fresh air, rather than merely circulating the air within the cabinet

### **Top-Tier Construction**

- Material options:
  - Heavy-gauge, powder-coated steel
  - Thermo-fused laminate made from 100% recycled wood
- All three walls are padded to protect distal tips of endoscopes
- Easy-to-clean, removable drip tray
- Store 4, 8, 9 or 18 scopes
- Backed by an exclusive best-in-industry, five-year Gold Seal Warranty

### **Additional Options**

- Keyless entry lock
- LED lights Light up your cabinet to easily view and manage your scopes
- EUS holder Proprietary, specialized holder to securely store ultrasound scopes for endoscopy
- Humidity and temperature sensor can be installed in new or existing cabinets





### Secure-A-Scope<sup>™</sup> Storage System













## **Endoscope Storage Cabinets**

## Steel and Laminate Endoscope Cabinets

Item #	Scope Capacity	Weight	Material	Max Scope Length	Width	Height	Depth
ScopeLocker4SH	4	210 lbs	Steel	77.81"	21.63"	93.75"	18"
ScopeLocker8SH	8	210 lbs	Steel	77.81"	21.63"	93.75"	18"
ScopeLocker9SH	9	280 lbs	Steel	77.81"	41"	93.75"	18"
ScopeLocker18SH	18	280 lbs	Steel	77.81"	41"	93.75"	18"
ScopeLocker4LH	4	120 lbs	Laminate	77.81"	21.63"	95"	18"
ScopeLocker8LH	8	120 lbs	Laminate	77.81"	21.63"	95"	18"
ScopeLocker9LH	9	160 lbs	Laminate	77.81"	40.88"	95"	18"
ScopeLocker18LH	18	160 lbs	Laminate	77.81"	40.88"	95"	18"



## **Endoscope Storage Cabinets and Accessories**

## Steel and Laminate Bronchoscope Cabinets

Item #	Scope Capacity	Weight	Material	Max Scope Length	Width	Height	Depth
ScopeLockeShor4SH	4	185 lbs	Steel	68.81"	21.63"	85	18
ScopeLockeShor8SH	8	185 lbs	Steel	68.81"	21.63"	85	18
ScopeLockeShor9SH	9	253 lbs	Steel	68.81"	41"	85	18
ScopeLockeShor18SH	18	253 lbs	Steel	68.81"	41"	85	18
ScopeLockeShor4LH	4	185 lbs	Laminate	67.81"	21.63"	85	18
ScopeLockeShor8LH	8	185 lbs	Laminate	67.81"	21.63"	85	18
ScopeLockeShor9LH	9	253 lbs	Laminate	67.81"	40.88"	85	18
ScopeLockeShor18LH	18	253 lbs	Laminate	67.81"	40.88"	85	18

## Small Diameter Scope Cabinet

	Pertect	tor ENI and U	RO flexible end	oscopes.		
Item #	Scope Capacity	Weight	Max Scope Length	Width	Height	Depth
ScopeLockerPBH*	8	60 lbs	35"	19.13"	48.13"	11.25"

<sup>\*</sup>Not for use with Olympus Bronchoscopes and Gastroscopes



## **Endoscope Storage Cabinets and Accessories**

## **Endoscope Storage Cabinet Accessories**

Item	Description
LOCKERLED*	Interior LED lighting for endoscope storage cabinets (Must be added with initial order. This is included as cabinet is built.)
LOCKERKEYLESS*	Keyless entry lock for endoscope storage cabinets (Must be added with initial order. This is included as cabinet is built.)
LOCKEREUS*	Proprietary, specialized holder to securely store ultrasound scopes for endoscopy (available for endoscope storage cabinets)
LOCKERHEPA*	TruHEPA filter fan retrofit kit for ScopeLocker cabinets without HEPA filtration
LOCKERSENSOR	Temperature and humidity sensor
LOCKERHEPAFILTER	Replacement HEPA, square filter

<sup>\*</sup>Not available as options on ScopeLockerPBH.



**LOCKERLED** 



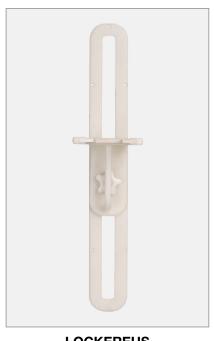
**LOCKERHEPAFILTER** 



**LOCKERKEYLESS** 



**LOCKERSENSOR** 



**LOCKEREUS** 



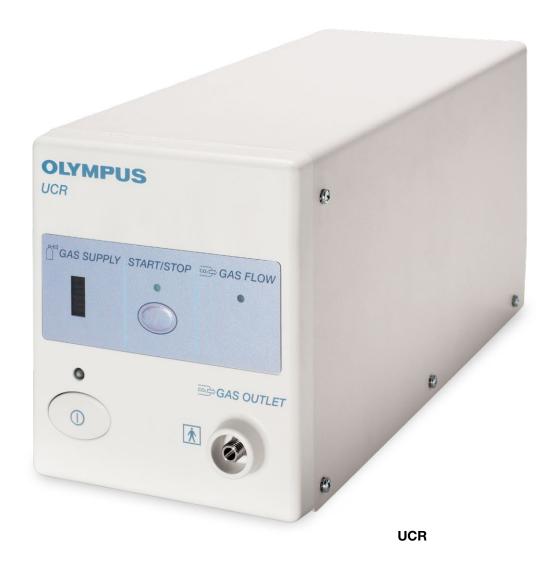




# CO<sub>2</sub> INSUFFLATION

Olympus offers  $\mathrm{CO}_2$  insufflation products and accessories to facilitate GI and surgical procedures.

# CO<sub>2</sub> Insufflation



# CO<sub>2</sub> Insufflation

### **Features**

- Easy, reliable one-button start/stop operation, pressure display, and time function to automate CO<sub>a</sub> insufflation shutoff
- Compact design fits easily on an endoscopic workstation
- Three controlled flow-rate settings available by using appropriate corresponding tubing (tubes optional)
- The standard UCR includes: UCR, MAJ-1080, MAJ-902, and MAJ-1741

## **Specifications**

#### **Power Requirements:**

- Voltage (AC): 100-120 V (USA), 100-240 V
- Frequency: 50/60 Hz
- Input: 40 VA
- Voltage fluctuation: Within ± 10%
- Dimensions: 4.9" (W) × 2.9" (H) × 11.8" (D) (housing dimensions)
- Weight: 4.9 kg
- Applicable gas: CO<sub>2</sub> gas for medical use (connectable to CO<sub>2</sub> cylinder or medical gas pipeline)
- Air feeding pressure: Maximum pressure feed 45 kPa

## Accessories

### **Hose for Medical Gas Pipeline Facility**

MAJ-1084	NIST medical gas pipeline adapter
MAJ-1085	DISS medical gas pipeline adapter
PJM-3574	DISS adapter hose for wall gas

### Hose for CO, Gas Cylinder

MAJ-1080	Cylinder gas hose
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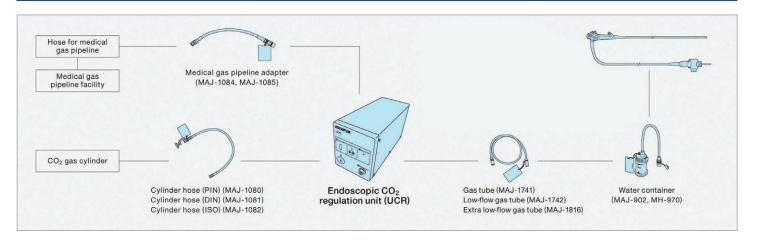
#### **Gas Tube**

MAJ-1741	Gas tube
MAJ-1742	Low-flow gas tube
MAJ-1816	Extra low-flow gas tube

#### Accessories

MAJ-2010	Gas/water button
MAJ-920	Water container

## System Chart









# FLUSHING, SUCTION AND TUBING

Olympus flushing, suction, and tubing products are designed to work in tandem with our scopes to improve visualization, diagnosis, and therapy during endoscopic procedures.



## **OFP-2 Flushing Pump**

#### **Features**

- Improved functionality for use with either the instrument or auxiliary water channel, including for the first time — EUS ultrasound endoscopes
- Ergonomically designed touch buttons for simple use
- Bright LED display for easy verification of selected settings
- Special design to prevent over-pressurization of Olympus endoscopes
- Standby mode for quick exchange of water channel tubes without the need to operate the main switch
- Automatic cutout of pump head if opened during operation, preventing accidental user injury
- 20-second automatic cutoff timer for controlled irrigation

## Specifications

- Dimensions: 7.9" (W) × 6.8" (H) × 15.2" (D)
- Maximum flow rate:
  - Instrument channel = 700 > 750 mL/min
- Auxiliary water channel = 230 mL/min
- Safety: Complies with EN/UL/IEC60601-1
- Power requirements:
  - Power supply: 100/240 V
  - Fusing: 2 × T2.5 AH 250 V
- Weight: 4 kg (with empty water container)
- Regulatory: CE marked and ETL listed
- Frequency: 50/60 Hz
- Power rating: 100 VA

## Accessories

Part #	Quantity	Description
	Disposa	able Solution
MAJ-1651	10	Water tube, single-day use
MAJ-1652	100	Adapter, single-patient use
Insti	rument Char	nnel Delivery Solution
K10007072	100	MAJ-1606, adapter, single-patient use
K10016091	10	MAJ-1606, adapter, single-patient use
K10001146	50	MAJ-1607, water tube, single-patient use
K10016136	10	MAJ-1607, water tube, single-patient use

Part #	Quantity	Description			
Combir	nation Dispo	sable/Reusable Solution			
K10001147	50	MAJ-1608, water tube, single-day use			
K10016135	10	MAJ-1608, water tube, single-day use			
MAJ-855	1	Water tube, single-day use			
	OFP-2 Accessories				
MAJ-920	1	Remote control cable, wipe clean			
MAJ-1603	1	Water container 2 L, autoclave			
K10011134	1	Annual replacement pump head			

## **KV-6 Suction Pump**

### **Features**

- Designed specifically for endoscopic and surgical suction
- Simple and easy to operate
- Workstation-mountable collection containers
- May be used with either 1.5 or 2.5 liter jars
- Predefined flow-rate settings
- Quicker vacuum buildup
- Quiet operation
- Additional overflow protection
- The standard KV-6 includes: Safety set and suction tubing



KV-6

### Accessories

Part #	Quantity	Description		
Tubing				
K7505595	50	Patient connecting tubing, 2 m		
K10026130	1	Silicone tubing 7 x 12 mm, 60 cm, with 1 coupling pieceand 1 coupling piece 90°		
K10026804	1	Silicone tubing 7 x 12 mm, 60 cm, with 2 coupling pieces		
	Disposable	Jars and Liners		
K10021893	1	Suction jar PC, 1.5 L		
K10021896	1	Suction jar PC, 2.5 L		
K10021894	1	Disposable suction liner, 1.5 L		
K10021895	1	Disposable suction liner, 1.5 Lwith solidifier		
K10021897	1	Disposable suction liner, 2.5 L		
K10021898	1	Disposable suction liner, 2.5 Lwith solidifier		
	Sat	fety Set		
K10026128	1	Safety set jar, polysulfone, 0.25 L		
K10026127	1	Safety set lid with overflow protection device		
Clam	o Holders ar	nd Mounting Brackets		
MAJ-1659	1	Suction jar mounting kit for WM-P2		
MAJ-190	1	Suction jar mounting kit for WM-P1		
K7503556	1	Suction jar mounting kit for WM-N60/D60		
MAJ-191	1	Extra suction jar rail clamp		
	Two or	More Jars		
K10021882	1	MAJ-1674 Change-over valve with clamp holder and tube		

**KV-6 Suction Pump Accessories** 

## Standard Package











K10026128 Safety set

### Accessories

### Safety Set Components (Included with standard package)



K10026128 0.25 liter



K10026127 0.25 liter

### Jars for Liners





K10021896 2.5 liter

### **Disposable Liners**



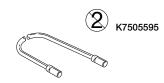


K10021897 K10021898 2.5 liter

### **Suction Tubing**



### **Patient Connecting Tubing**



## Clamp Holder



Extra Rail Clamp K10002819 MAJ-191

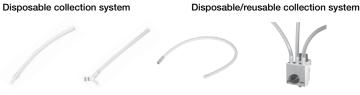


Support Rail MAJ-1659 (K10021793) for WM-P2, MAJ-190 (K1001115) for WM-P1



Support Rail for WM-60/D-60 K7503556

#### Two or More Jars



10 Pack

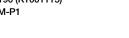
K10021885 MAJ-1673



K10021878 MAJ-1672



K10021882 MAJ-1674









## SSU-2 Simple Suction Unit

#### **Features**

- Ergonomically designed for easy operation
- Suitable for all endoscopic procedures
- Large autoclavable bottle 1.5 liter capacity
- Compatible with Olympus Fluid Management System (reusable/disposable suction jar/liner options)
- Easy change autoclavable bottle cap/float assembly
- Easy change microbial filter
- Vacuum gauge

## **Specifications**

- Dimensions: 8.7" (W) × 8.9" (H) × 18.7" (D)
- Weight: 5.1 kg
- Maximum vacuum level: -85 kPa (-0.85 bar)
- Bottle capacity: 1.5 liters
- Power supplies:
  - $-115 V \pm 10\%, 60 Hz$
  - $-230 \text{ V} \pm 10\%, 50 \text{ Hz}$
- Power consumption:
  - 115 V: 190 VA
  - 230 V: 130 VA
- Electrical safety:
  - 115 V unit designed in conformance with UL544
  - 230 V unit designed in conformance with BS EN 60601-1 Class I, Type BF
- Spares: Replacement filters and bottles available

#### Accessories

Part #	Description
7317778	Filter bottle tube KV-2/SSU-2
55423	Microbial filter (10 pack)
55421	1.5 L suction jar
7146337	Suction jar cleaning brush
7146604	Patient tubing
K10004950	Suction jar cap assembly



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