

Sure, Confident Plug-In Operation

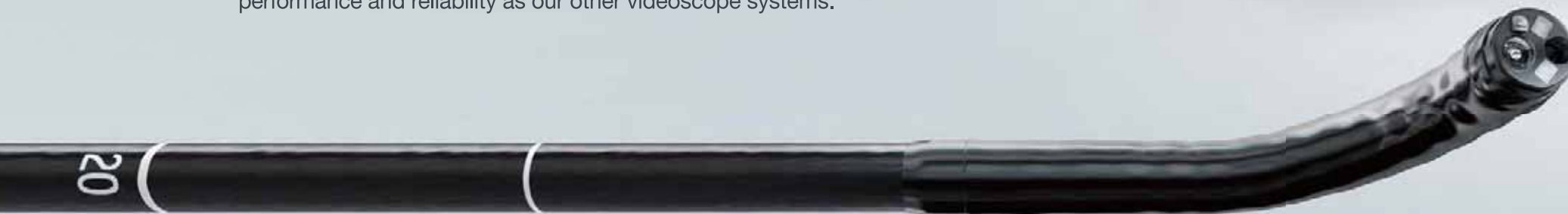


Primary screening has never been this easy.

Announcing Axeon, an innovative videoscope system designed for front-line medical professionals who require essential endoscopic functionality in an easy-to-use system. Featuring a fully waterproof connector that allows scope exchanges to be performed in one smooth action and LED lighting, Axeon contributes to fast, accurate upper and lower gastrointestinal endoscopy.

Renowned OLYMPUS performance and reliability

Discover Axeon and find out why OLYMPUS is one of the most trusted names in medicine. For over 50 years, doctors and hospitals worldwide have counted on OLYMPUS for accurate results covering a wide range of procedures. Axeon builds upon our vast experience and expertise, providing the same level of basic performance and reliability as our other videoscope systems.



Primary screening has never been this easy.

Announcing Axeon, an innovative videoscope system designed for front-line medical professionals who require essential endoscopic functionality in an easy-to-use system. Featuring a fully waterproof connector that allows scope exchanges to be performed in one smooth action and LED lighting, Axeon contributes to fast, accurate upper and lower gastrointestinal endoscopy.

Renowned OLYMPUS performance and reliability

Discover Axeon and find out why OLYMPUS is one of the most trusted names in medicine. For over 50 years, doctors and hospitals worldwide have counted on OLYMPUS for accurate results covering a wide range of procedures. Axeon builds upon our vast experience and expertise, providing the same level of basic performance and reliability as our other videoscope systems.

Fast setup,
smooth operation



Waterproof, one-touch connector

Screening procedures are vastly simplified thanks to the new videoscope connector, which allows scopes to be connected in one smooth operation. In addition, the waterproof design facilitates cleaning and eliminates the need for a water-resistant cap. This design reduces the risk of scope damage from inadvertent immersion in water or contact with fluids to avoid repair costs.

Reduced downtime,
less running costs



Remarkable distal-end LED scopes

Axeon features LED lighting, which has a significantly longer operating life than before. These are the first scopes for upper and lower examinations that incorporate this type of lighting. In addition, the LED lamp also reduces downtime spent replacing lamps and decreases overall running costs. Axeon is compatible with GIF-LV1 and CF-LV1L/I videoscopes as well as small-diameter scopes that have a wide 145° field of view and minimum 3 mm depth of field.



GIF-LV1



CF-LV1L/I



Convenient versatility,
enhanced capabilities



MAJ-1910

Camera-head fiberscope and rigid scope

A wide variety of OLYMPUS fiberscopes and rigid scopes can be connected to the processor via the optional MAJ-1910 camera-head*. This expands examination capabilities and leverages existing fiberscope and rigid scope assets, further enhancing Axeon's cost effectiveness.

* Requires adapter and separate light source.

Less maintenance, space-
and energy-efficient design

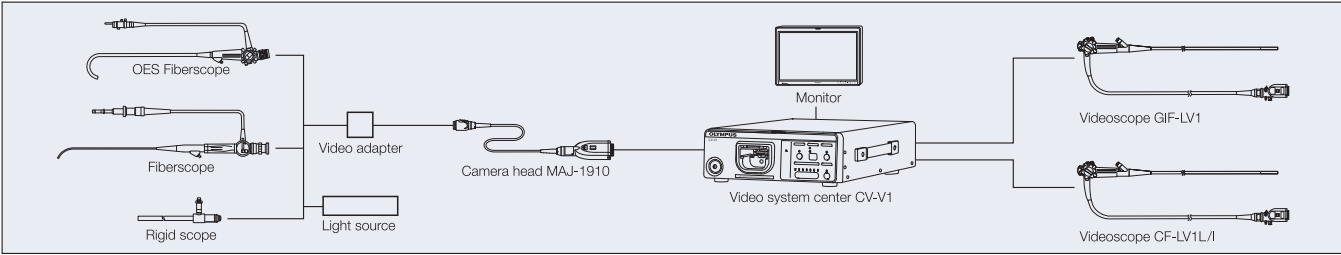


CV-V1

Newly developed, light and compact processor

Since Axeon scopes employ LED lighting, the processor has no lamp or fan, resulting in a lighter, more compact design than conventional videoscope systems and a quieter working environment. The new processor also helps reducing electricity consumption and lamp replacement costs.

System Chart



VIDEO SYSTEM CENTER OLYMPUS CV-V1

Transportation, storage and operating environment

Transportation and Storage Environment	Ambient temperature	-20 to +70°C
	Relative humidity	10-95%
	Atmospheric pressure	700-1060 hPa
Operating Environment	Ambient temperature	10-40°C
	Relative humidity	30-85%
	Atmospheric pressure	700-1060 hPa

Specifications

Observation	Video signal	VBS composite x2, Y/C, and XGA signal; simultaneous outputs possible.
	White balance adjustment	White balance adjustment is possible using the white balance button on the front panel.
	AGC	The image can be electrically amplified when the light is inadequate on the monitor.
	Iris	The iris mode can be selected from "HIGH" or "LOW".
	Freeze	An endoscopic image is frozen using an endoscope.
	Brightness control	7 steps
Air Feeding	Remote control	The VTR and video printer can be controlled.
	Pump	Diaphragm type pump
	Pressure switching	2-level available (OFF or feeding)
Power Supply	Voltage	PAL: 220-240 V AC, NTSC: 100-240 V AC
	Frequency	50/60 Hz
	Consumption electric power	120 VA
Size	Dimensions	295 (W) × 111 (H) × 390 (D) mm
	Weight	6.2 kg

GASTROINTESTINAL VIDEOSCOPE OLYMPUS GIF-LV1, COLONOVideoscope OLYMPUS CF-LV1L/I

Specifications

Model		GIF-LV1	CF-LV1L/I
Optical System	Field of view	145°	145°
	Direction of view	Forward viewing	Forward viewing
	Depth of field	3-100 mm	3-100 mm
Distal End	Outer diameter	9.5 mm	13.2 mm
Distal End Enlarged		Air/Water Nozzle Lighting windows	Lighting windows Air/Water Nozzle
		Objective Lens Instrument Channel Outlet	Objective Lens Instrument Channel Outlet
Bending Section	Angulation range	Up 210°, Down 90°, Right 100°, Left 100°	Up 180°, Down 180°, Right 160°, Left 160°
Insertion Tube	Outer diameter	9.2 mm	12.8 mm
Working Length		1030 mm	L: 1680 mm, I: 1330 mm
Total Length		1355 mm	L: 1995 mm, I: 1645 mm
Instrument Channel	Inner diameter	2.8 mm	3.7 mm
	Minimum visible distance	3 mm from the distal end	4 mm from the distal end
	Endo-therapy accessory entrance/exit position in field of view		

CAMERA HEAD MAJ-1910

Specifications

Size	Camera head	Dimensions 27 (W) × 29 (H) × 41 (L) mm
	Weight	40 g
Cable		Weight 40 g
		Φ5.2 mm × 3.76 m
Cleaning/Disinfection/Sterilization	Cleaning/disinfection	Immersible in disinfectant solution
	Sterilization	Compatible with ethylene oxide

* Requires adapter and separate light source.



CV-V1



GIF-LV1



CF-LV1L/I



MAJ-1910

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



OLYMPUS MEDICAL SYSTEMS CORP.
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

For a complete listing of
sales and distribution locations visit:
www.olympus.com