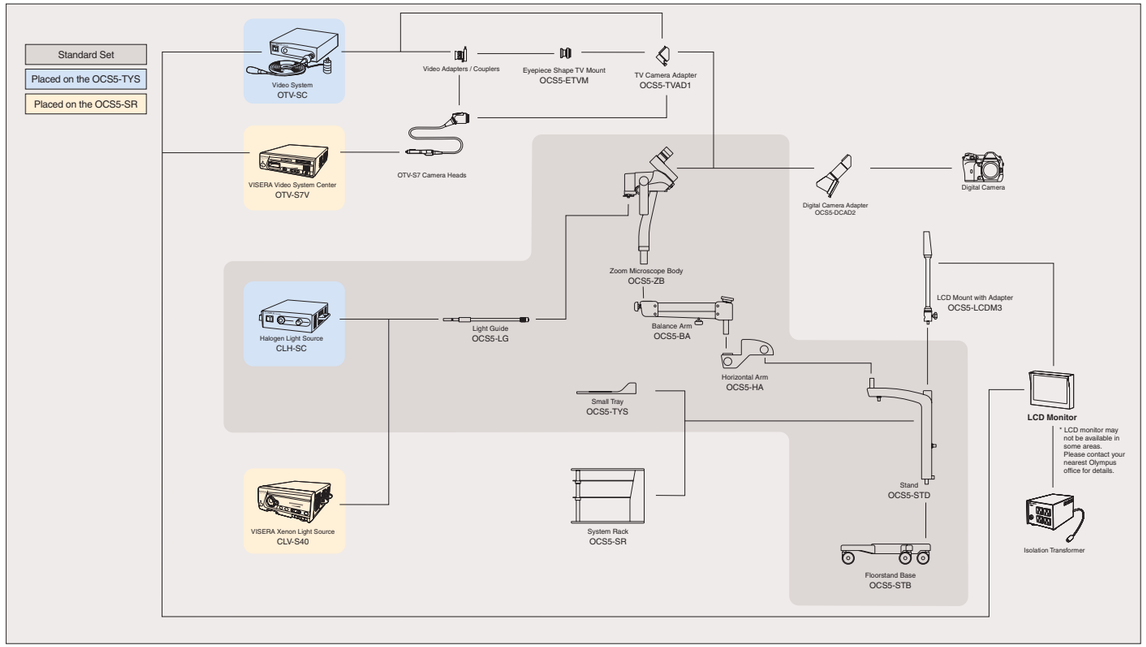
System Chart



OCS-500 Standard Set

- **OCS5-ZB** Zoom Microscope Body
- **OCS5-BA** Balance Arm
- **OCS5-HA** Horizontal Arm
- **OCS5-STD** Stand
- **OCS5-STB** Floorstand Base
- **OCS5-TYS** Small Tray
- **OCS5-LG** Light Guide
- **CLH-SC** Halogen Light Source

Options

- **OCS5-DCAD2** Digital Camera Adapter
- **OCS5-TVAD1** TV Camera Adapter
- **OCS5-ETVM** Eyepiece Shape TV Mount
- **OCS5-SR** System Rack
- **OCS5-LCDM3** LCD Mount with Adapter

Compatible Video Systems

- **OTV-S7V VISERA Video System**
- **OTV-SC Video System**

Please contact your nearest Olympus office for connectable camera heads, adapters and couplers.

Compatible Light Sources

- **CLH-SC Halogen Light Source**
- **CLV-S40 VISERA Xenon Light Source**

OCS-500 Specifications

Operating Environment	Air Temperature	10 – 40°C (50 – 104°F)
	Humidity	30 – 85 %
	Air Pressure	700 – 1060 hPa (0.7 – 1.1 kg/cm², 10.2 – 15.4 psia)
Size	Dimensions	600 mm dia. (Pedestal Base) x 1400 mm (Overall Height)
Eyepiece	Magnification	10X
	Field Number	22
	Diopter Adjustment	–5 – +5 m^{-1}
Zooming	Drive System	Manual drive by knob rotation
	Zoom Ratio	1 : 6
Focusing	Focus System	Adjustable focal length
	Drive System	Manual drive by knob rotation
	Focus Adjustment Range	220 – 350 mm
Illumination	System	Light guide
	Filter	Detachable green filter
Magnifications		WD220: 3.7 – 23.4X
		WD300: 3.0 – 18.8X
		WD350: 2.7 – 16.9X

Field Of View		WD220: 58.5 – 9.3 mm
		WD300: 73.1 – 11.6 mm
		WD350: 82.4 – 13.1 mm
Floorstand	Support System	Floorstand
	Balancing System	Pantographic arm balancing using spring.
	Balance Adjustment Range	4.0 – 7.0 kg
	Balance Adjustment	Handle adjusted
	Binocular Tube Tilt	10 degrees upward and 30 degrees downward relative to the horizontal observation optical axis.
	Vertical Arm Movement Range	300 mm
	Arm Rotation Range	270°
Photography/ Cinematography Equipment	TV Camera	Connectable using a TV camera adapter (optional)
	Digital Camera	Connectable using a digital camera adapter (optional)

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

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OLYMPUS®

Your Vision, Our Future

COLPOSCOPE

OCS-500

Beyond The Colposcope — A Multi-Task Gyne-Imaging Center

The OCS-500 Colposcope—the Key to More Efficient Office Gynecology

The OCS-500 was designed to meet the unrelenting demands of efficient office gynecology. It provides extended magnification and smooth maneuverability in a simple space-saving design with the capability of upgrading to integrate colposcopy and hysteroscopy. All the power of Olympus's long-acclaimed optical technology delivers high quality digital image recording and a variety of observation functions. Your procedures will be smoother, your equipment's versatility will expand, and your ability to use recorded images will thrive. The OCS-500 from Olympus—The key to streamlined office gynecology.

Superb Optics

Refined Optical Performance

A 200-350 mm variable working distance, 6x non-step continuous zoom, and high eye-point eyepieces for precision colposcopy, which may reduce fatigue.

Improved Maneuverability

With all control knobs placed together near the grip, and smooth, fast operational response, the OCS-500 has been designed to minimize stress and maximize efficiency.

OCS 500

Outstanding System Versatility

Colposcopy and Hysteroscopy in a Single System

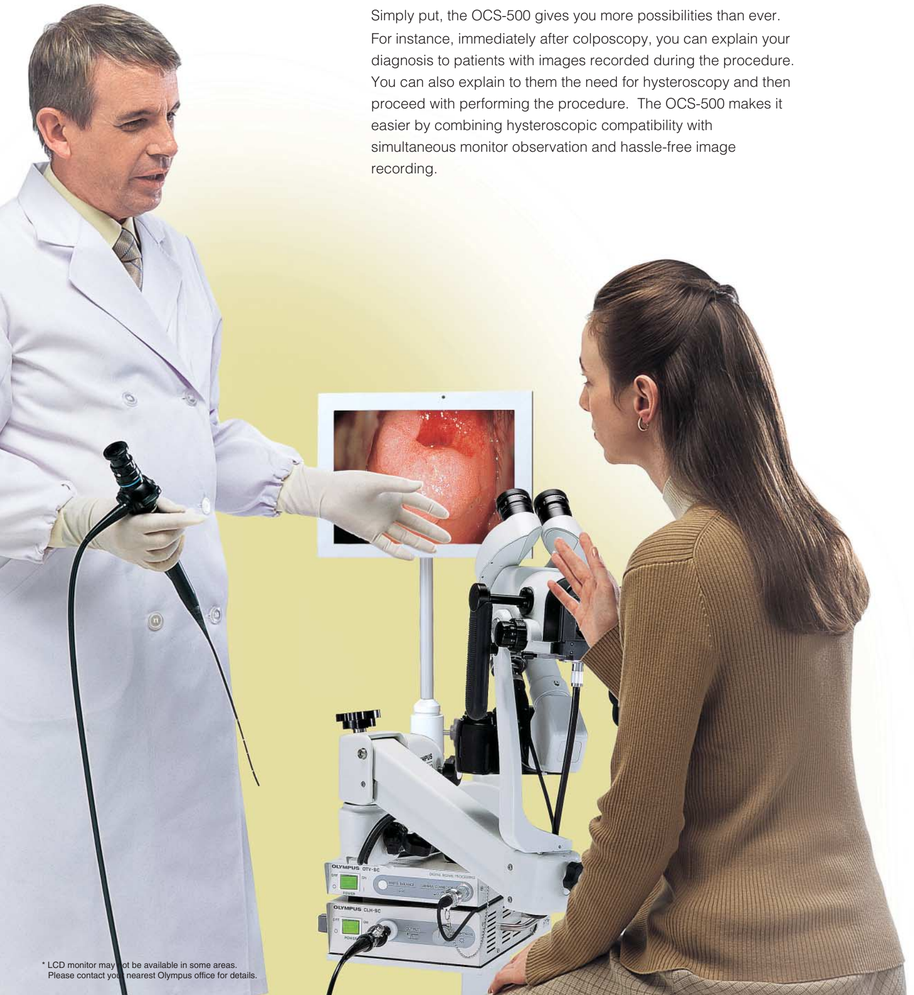
The universal OCS-500 video system and light source are all you need for both colposcopy and hysteroscopy. Switching from colposcopy to hysteroscopy becomes simple and easy while saving you and the patient time in the office.

Digital Recording

A digital camera adapter allows you to record colposcopic images. Additionally, with the OTV-S7V VISERA Video System Center, you can capture images during colposcopy and hysteroscopy.

Outstanding System Versatility for Greater Range of Examination and Recording

Simply put, the OCS-500 gives you more possibilities than ever. For instance, immediately after colposcopy, you can explain your diagnosis to patients with images recorded during the procedure. You can also explain to them the need for hysteroscopy and then proceed with performing the procedure. The OCS-500 makes it easier by combining hysteroscopic compatibility with simultaneous monitor observation and hassle-free image recording.



* LCD monitor may not be available in some areas.
Please contact your nearest Olympus office for details.

Digital Documentation

Colposcopic and Hysteroscopic Image Recording with the OTV-S7V VISERA Video System Center

In addition to colposcopic image digital recording, hysteroscopic image digital recording is possible with the OTV-S7V VISERA Video System Center.

Greater Applicability of Recorded Images

Both colposcopic and hysteroscopic images can be stored as digital data with the OTV-S7V VISERA Video System Center, letting you easily attach images to medical records while also widening the range of image usage.

Colposcopic Image Recording with a Digital Camera

Colposcopic images can be captured with a digital camera.

Digital Printing

Using a digital color photo printer, recorded images stored in xD-Picture Card can be printed in no time.

Colposcopy and Hysteroscopy In a Single System

Easy Camera Head Attachment/Removal

Easy Connection With A Hysteroscope

Smooth Transition from Colposcopy to Hysteroscopy

The OCS-500's video system and light source can also be used for hysteroscopy. Thanks to the adoption of an eyepiece mount, switching from colposcopy to hysteroscopy is quick and easy.

* LCD monitor may not be available in some areas. Please contact your nearest Olympus office for details.

Simultaneous Monitor Use and Still Image Capture

The OCS-500 is uniquely capable of simultaneously displaying a live image on a monitor and capturing still pictures through a digital camera.

Available Video Systems

The OCS-500 is compatible with a series of video systems, including the VISERA video system, which provides high-resolution imaging and the capability of colposcopic and hysteroscopic recording.

VISERA

Standard Combination: OTV-SC/CLH-SC

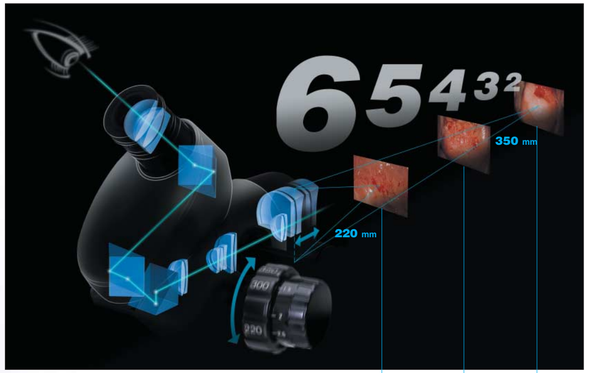
High-Grade Combination: OTV-S7V/CLV-S40

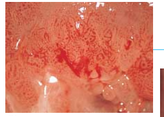
Enhanced Efficiency with Precision Optics, Smooth Maneuverability, and Versatile Functions

Achieving maximum efficiency with a colposcope is impossible if you have to look for control knobs or use two hands. That's why all control knobs for the OCS-500 are placed near the grip, so it can be operated with just one hand. Plus, by combining a variable working distance and non-step continuous zoom, both close and distant observation, as well as micro and macro, can be performed without having to move the colposcope's body.

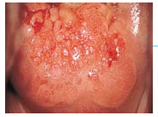
Variable Working Distance— The First for a Colposcope

The OCS-500 incorporates optical focusing, instead of requiring you to move the colposcope body for sharp images within a working distance of 220 to 350 mm. In addition, non-step continuous zoom allows 6x zoom at variable distances for magnification from 2.7x - 23.7x.

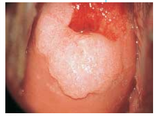




Close



Midrange



Distant

Illumination

A green filter is located at the front of the microscope body. You can use the filter for better visualization of the vascular components of the cervix.

Efficient Placement of Control Knobs

Several different control knobs are gathered close together, so you can adjust the view field, zoom, or focus with just one hand using either a left or right grip.

High Eye-Point Eyepiece

Despite its compact design, the OCS-500 incorporates a high eye-point eyepiece that may reduce fatigue during long observation.

OCS-500

Conventional Model

Greater Freedom of Arm Movement

The number of arm joints has been increased to improve arm movement and overall positioning. All cables can be put inside the arm to keep them out of the way.