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THE BEST QUALITY IN COLPOSCOPIC IMAGING

COLPOSCOPE OP-C5



- 5 magnification steps
- High brightness
- Smooth movements



COLPOSCOPE OP-C5

SOPHISTICATION IN COLPOSCOPY

OPTOMIC's OP-C5 Colposcope has been designed minding every detail to create the highest sophistication in colposcopy. Its exceptional engineering covers all the needs for diagnosis and small surgeries in a comfortable and effective way.

Its stylized, lightweight and sturdy silhouette and its delicate mobility make it comfortable to use and adaptable to the smallest medical offices.

Its lenses and LED light source provide the OP-C5 Colposcope with excellent optical quality, resulting in bright and sharp images.

As a result of the multiple accessories as supports, trays and beam splitters, the equipment can be customized to tailor it for the specialist.



"BRIGHT AND SHARP IMAGES.
KEEP THE FOCUS WHERE YOU DESIRE"



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MOVEMENT, TURNS AND BRAKES

LIMITLESS SMOOTH

Compact and agile, can be moved and placed in the desired position with just one hand. As a result of its elegant technology, integrating angular bearings and Teflon discs, the OP-C5 Colposcope achieves fluidity in movement and turns sensitive to touch.



MOBILE MOUNTING

Provides firm and safe support, and the ability to move the equipment as required by the user thanks to its five omnidirectional wheels.



CONTROL HANDLE

The angle of inclination of the head can be controlled, improving ergonomics. The brake is activated with a gentle twist of the wrist to fix the position.

SLOW DOWN AS FAST AS YOU WISH

The OP-C5's brakes, with friction adjustment, allow you to control its performance and keep the equipment in the desired position. Its stable design makes the equipment unique for an optimal result, facilitating any necessary movement during scanning. The equipment vertical movement of this Colposcope can be completely blocked to increase precision while using the micromanipulator with the CO2 laser.



GREATER CONTROL

Elegance in movement and strong fixation for greater safety.

“FLUID MOVEMENT AND FIRM BRAKE.
THE CORE OF ITS ACCURACY”

LENSES, EYEPIECES AND MAGNIFICATIONS

VISIBLE ACCURACY

This equipment provides perfect vision with bright, high-resolution images and optimal color fidelity. More intuitive and with an improved focus, make the OP-C5 the ideal equipment to recognize anomalous structures. Its micrometric focus ensures focalization to observe the working area with accuracy and sharpness. The optional varifocal lens makes it possible to vary the focused working field without having to move the head in relation to the patient.

WIDE FIELD EYEPIECES

With independent dioptric (+/-5) and interpupillary distance regulations.



COLPOSCOPE OP-C5



LENSES

- $f = 300\text{mm}$ (optional $f = 250\text{mm}$).
- Varifocal $f = 200\text{mm}$ to 400mm (optional).

HIGHER PERFORMANCE

More magnifications to choose from with the 5-position Galileo system changer.

"MAGNIFYING IS THE ART OF APPRECIATING THE SMALLEST THINGS."

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LIGHT SYSTEM

PROGRESS BROUGHT TO LIGHT

The OP-C5 Colposcope mounts the Fibrolux LED HP light source, the optional hand control gives the possibility of regulating the intensity and filters in a more comfortable way during the examinations. Its green filter converts red to black, in order to distinguish vascularization for accurate diagnosis. This high-performance, high-intensity light source provides more than 60.000 working hours, allowing for reduced costs and maintenance. The Fibrolux LED HP can be quickly and easily removed and used for other tasks as hysteroscopy or laparoscopy.

“OUR BEST LIGHT TO GUIDE YOUR STEPS”



**MICROMANIPULATOR FOR
CO2 LASER (optional)**

The micromanipulators of the main brands on the market can be adapted to the OP-C5 for use with CO2 laser. This allows less invasive vaporizations and conizations to be performed. The fine focus and all the movement and brakes characteristics of the Colposcope, enhance the precision of the procedure.

**EXAMINATION CHAIR
OP-G7+
(optional)**

The Colposcope can be adapted to OPTOMIC's OP-G7+ examination chair by means of a uniquely designed, sturdy stand.

This allows to configure a complete and compact solution enabling space optimization in the office.

VIDEOCOLPOSCOPY SYSTEM

FULL HD TECHNOLOGY AT YOUR FINGERTIPS

The OP-TV10HD beam splitter is the most convenient solution designed to convert the OP-C5 into a sophisticated high-definition digital videocolposcopy equipment.

Several options make this a compact and easy-management device. For instance, projecting the image on a monitor, with area selection for optimizing automatically light parameters, and the possibility of video recording through a capture system for subsequent analysis. This makes the OP-C5 the perfect device for training and go over previous medical exams.



“BEST IMAGES FOR A SECOND IMPRESSION”

OP-TV10 HD (optional)

- Resolution Full HD 1080p.
- Power system and video outputs independent or integrated into OPTOMIC LED Light Sources.
- Control buttons with watertight keys: White Balance, area selection for lighting control and Standby.
- Optical beam splitter system by Lumiere 80/20 cube and f=60mm objective with multilayer dielectric treatments.



COLPOSCOPE OP-C5




MONITOR SUPPORT (optional)

Great variety of high-resistance supports to fit every need.

Full HD medical grade monitor of 22" (optional)

-  Achieve image definition with an excellent level of detail and high color fidelity.
-  Full HD resolution 1920 x 1080 / 16.7 million colors.
Input channels:
 - 1x HDMI
 - Composite video - 1 input connector / 1 output connector (loop-through out)
 - 1x DVI
 - 1x VGA
 - 1x SD-SDI 3G/HD - BNC

-  **Tray for laptop (optional)**
With articulated arm to place the laptop in the desired working position.

-  **Tray for camera (optional)**
Space for endoscopic camera.



FEATURES

HEAD	Stereoscopic with fine focus.
BINOCULAR	Inclined 45°.
EYEPieces	Wide field.
	Adjustable interpupillary distance: from 49 to 80mm.
	Dioptric adjustment of +/- 5 diopters.
OBJECTIVES	Objective f=300mm (optional f=250mm) / Varifocal 200-400 mm (optional).
MAGNIFICATIONS CHANGER	5 steps Galilei magnifications changer (0,4x, 0,6x, 1x, 1,6x, 2,5x).
RANGE OF MAGNIFICATIONS	2,5x up to 27x depending on the chosen combination of objective, binocular and eyepieces.
	Coaxial through objective.
LIGHT SYSTEM LIGHT	Fiber optic cable.
CONDUCTION	Universal movement through angular bearings and Teflon discs.
MOVEMENT SYSTEM	Brake regulation of hardness and blocking. Soft Move System.
	Autocompensated parallelogram, can be placed in any position.
ARM	Floor mounting with 5 wheels and independent brakes.
MOUNTING OPTIONS	Gynecological chair support.
	19 kg.
WEIGHT (body)	Adapter to the micromanipulator for CO2 laser.
OPTIONAL ACCESORIES	Beam splitters (several options).
	Digitally Soft software.
	Monitor support.
	Trays for laptop and/or for camera.

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