

# medero

MEDISINSK TEKNIKK

THE BEST QUALITY IN COLPOSCOPIC IMAGE

## COLPOSCOPE OP-C2

- 3 magnifying steps
- Dioptic regulation
- Gentle movements



# COLPOSCOPE OP-C2

## HIGH PERFORMANCE, COMPACT DESIGN

The OPTOMIC OP-C2 Colposcope has been designed to perform diagnostic observations, routine medical office interventions and small surgical activities in the most convenient and effective way for the health professional.

Its small size and the use of light and highly resistant materials for its manufacture provide this equipment with an excellent mobility and adaptability even in the smallest offices.

The collimated lenses, and the high-power light source, Fibrolux LED HP, provide the OP-C2 colposcope with excellent optical quality, resulting in high-brightness, sharp and shadow-free images.

Accessories such as supports, trays and image dividers complete this equipment and make it a great work tool that cannot be missing in any medical office.





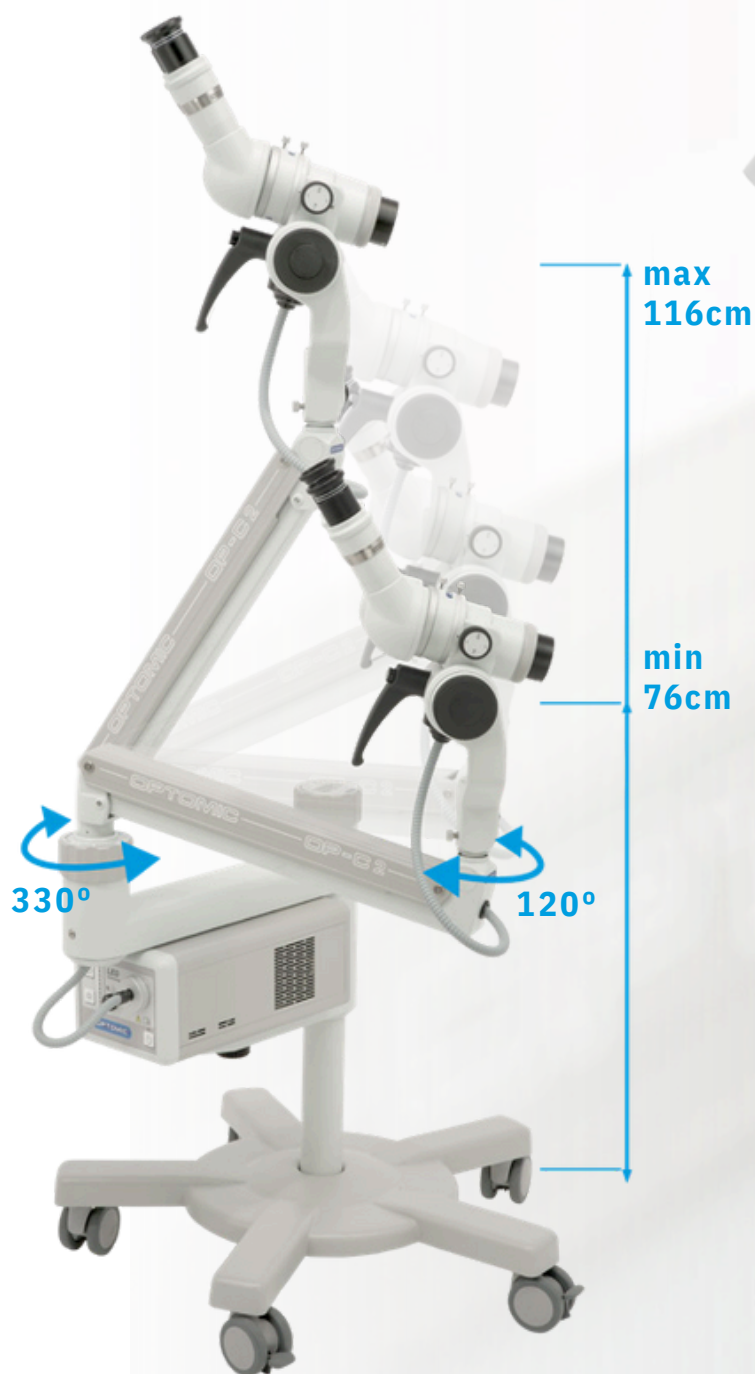
"BRIGHT, CLEAR AND SHADOW-FREE IMAGES WILL IMPROVE YOUR  
EVERYDAY EXAMINATION WORK WITH OUR  
OP-C2 COLPOSCOPE"

**medero**  
MEDISINSK TEKNIKK

# MOVEMENTS, TURNS AND BRAKES

## EASE OF HANDLING

Through a handle located at the base of the head and thanks to its balanced design, tapered bearings and Teflon discs, the OP-C2 can be transported and placed in the desired position with one hand.



### ROLLING STAND

Provides firm support, and easy to move thanks to its five wheels with brakes.

### CONTROL LEVER

You can change the position angle to improve ergonomics in handling.

Made of high-performance plastic




## STABILITY AS A KEY PRINCIPLE

The equipment has friction adjustment brakes that allow the equipment to fixed it in the desired position and provide great stability, even in the most complex movements.



“STABLE MOVEMENTS IS THE BASIS OF HIGH PRECISION”

-  **FRICTION ADJUSTMENTS AND BRAKE**  
Provides precision to movements and stability in the chosen position.

# LENSES, EYEPIECES AND MAGNIFICATION

## THE REQUIRED BASIS FOR A GOOD COLPOSCOPE

The stereoscopic head of the OP-C2 is combined with a binocular tilted at 45° and an objective with large diameter lenses. All of this provides a perfect transmission of light, generating bright images of high resolution and contrast, keeping the natural colour of the elements and preventing colour or shape distortions.



### WIDE FIELD EYEPIECES

Independent dioptric regulation for each eye.

# COLPOSCOPE OP-C2



## 250mm LENS

Great brightness, with micrometric focus.



## MAGNIFICATION DRUM

Three-step magnification changer with Galileo system.

"A SHARP VISION FOR A CLEAR DIAGNOSIS "



LENS  
300mm  
OPTIONAL

**medero**  
MEDISINSK TEKNIKK



# LIGHT SYSTEM

## HIGH LIGHTING POWER FOR ALL YOUR NEEDS

OP-C2 Colposcope includes Fibrolux LED HP cold light source.

This high-performance, high-intensity light system provides more than 60,000 operating hours.

Fibrolux LED HP can be quickly and easily removed to be used for other activities such as hysteroscopy.

“OUR BEST LIGHT TO GUIDE YOUR STEPS”





# COLPOSCOPE OP-C2



Electronic control of eco-friendly standby luminance



Storz type connection, Olympus

## FIBROLUX LED HP

- LED useful life: over 60,000 hours
- High light output 10,000 Klux (measured at the end of a standard 4.8mm x 1.8m fibre optic cable.)
- Two colour temperatures, 6,000°K and 4,750° K
- Light intensity control without colour variation.
- Low consumption
- Green or amber filter (depending on specialty)
- Double forced ventilation system (speed self-control)
- Standby With minimal ecological consumption (EuP Directive.)
- Robust unit, fully made of aluminium
- 12v DC external camera connection (7.5v DC optional)
- 12v DV monitor connection
- Power connection for monitor or PC Remote standby connection
- Dimensions: 150 x 120 x 290mm
- Supply: 100 ~ 240 DCV
- Weight: 4.45 Kg.



Green or amber filter (depending on specialty)  
Warm light filter



Camera module (optional)

# VIDEOCOLPOSCOPY SYSTEM

## FULL HD TECHNOLOGY IN THE PALM OF YOUR HAND

With OPTOMIC's OP-TV10 HD image splitter, the OP-C2 becomes a powerful equipment of digital high definition videocolposcopy.

Projection of the image on a monitor, freezing of images for analysis, or the possibility of video recording through a capture device, are real options with this easy-to-use, compact device.

“HIGH RESOLUTION IMAGES  
AS A GREAT ALLY IN SCREENING”

### OP-TV10 HD (optional)

- Full HD Resolution (1080p)
- 80/20 Lumiere cube image splitter system and f=60mm lens with dielectric multilayer treatments
- Independent power supply and video outputs, or integrated into Optomic LED Light Sources
- Splitter control buttons with watertight keys: WB, HDMI output image freezing and shutdown



# COLPOSCOPE OP-C2

## FULL HD 22" MONITOR

The OP-MV22-MD FHD monitor provides an image definition with a high level of detail and great colour accuracy.



## SCREEN HOLDER (optional)

Wide range of high resistance holders for every need.



## OP-MV22 MD FHD (optional)

 LCD monitor with LED-backlight technology and Full HD Resolution 1920 x 1080 / 60Hz / 16.7 million colors.

### Input Channels

- HDMI (High Definition Multimedia Interface)
- Composite video - 1 input connector (1.0Vp-p, 75Ω terminal) / 1 output connector (loop-through out)
- DVI (Digital Video Interface)
- VGA (RGB-PC)
- SD-SDI 3G / HD - BNC, 75ohm, 1 input connector / 1 output connector (loop-through out)







## GENERAL FEATURES

■ EYEPIECE	Stereoscopic with micrometric focusing.
■ BINOCULAR	45° tilted binocular
■ HEAD	"Wide field", with eye protection. Adjustable interpupillary distance: from 54 to 74mm Dioptic adjustment of hyperopia and myopia: +/- 5 diop. f=250mm Lens (optional f=300mm).
■ LENSES	3-position Galileo system (0.6x, 1x, 1.6x)
■ MAGNIFICATION EXCHANGER	3.5x to 17.5x depending on the chosen combination of lens, binocular and eyepiece.
■ MAGNIFICATION RANGE	Coaxial through lens with LED light source (green filter)
■ LIGHT SYSTEM	Fibre optic cable
■ LIGHT CONDUCTION	Universal movement by means of angular and conical bearings and Teflon discs. Hardness and blocking adjustment. Soft Move system.
■ MOVEMENT SYSTEM	5-wheel stand with independent brakes. 100/240V 50/60Hz
■ STAND	20 Kg
■ VOLTAGE	Image splitters (different options) Digitally Soft Software
■ NET WEIGHT (body)	Screen holders
■ OPTIONAL ACCESSORIES	Gynecological chair support Laptop tray Camera tray

**medero**  
MEDISINSK TEKNIKK