



producing quality

HIGH PRECISION OTORHINOLARYNGOLOGY

# MICROSCOPE OP-C12

- Precise and smooth movements
- Compact design
- Excellent optical and lighting quality



# MICROSCOPE **OP-C12**

## **ADVANCED MICROSCOPY**

The OP-C12 microscope meets the most demanding requirements in clinical environments.

Thanks to its 3 magnifications it is possible to make detailed examinations, thus observing sharp and clear images.

Compact design facilitates integration into small spaces reaching minimum dimensions while maintaining its functionality.

It offers precise and smooth mobility thanks to its system of joints and arm movement, allowing precise adjustments. The optical quality is exceptional, with high-resolution lenses that provide crisp and clear images, complemented by an advanced LED lighting.

It has an efficient progressive braking system ensuring position and accuracy in diagnostics and interventions.



*OPTOMIC would like to thank Dr. Luis García Ibáñez for providing these images.*

# VIDEOMICROSCOPY SYSTEM

## HIGH RESOLUTION AT YOUR FINGERTIPS

OPTOMIC offers a complete range of beam splitters to capture images, videos and document interventions for further analysis and training.

- Communication support to inform and involve the patient in their treatment plan.
- Recording audiovisual material to share on professional platforms and networks.

### ■ BEAM SPLITTER: OP-TV 10HD (optional)

- Full HD resolution (1080p)
- Power supply and video outputs integrated in light source.
- Control buttons with waterproof keys: white balance, area selection for light control and standby.

### ■ MONITOR SUPPORT (optional)

## LIGHTING SYSTEM

### HIGH LIGHT OUTPUT

The light source allows sharp visibility and focused illumination in areas that would otherwise be difficult to see.

Coaxial illumination frees the desired area from shadows and keeps the periphery dark, focusing attention on the truly relevant information.

### ■ FIBROLUX LED HP

- Light intensity control.
- Filters: green and warm light.
- More than 60,000 working hours.
- Hand control (optional)

**OPTOMIC**

# MICROSCOPE **OP-C12**

## THE POWER OF MAGNIFICATION



### ■ **MAGNIFICATION**

Wide magnification range: 2.0x to 17.0x depending on combination of objective, binocular and eyepiece chosen.

### ■ **OBJECTIVES**

Standard: 200 mm.

Optional: 250 mm, 300 mm y 400 mm.

### ■ **MICROMETER FOCUS**

Enables accurate and sharp focus on the work area.

## OBJECTIVES, EYEPIECES AND MAGNIFICATION

### **VISIBLE ACCURACY**

### ■ **BINOCULAR**

Standard: wide field straight binocular

Optional:

- binocular inclined at 45°
- binoculars tiltable from 0° to 240°

### ■ **WIDE FIELD EYEPIECES**

Standard: 12.5x

Optional: 10x and 16x



# VIDEOMICROSCOPY SYSTEM

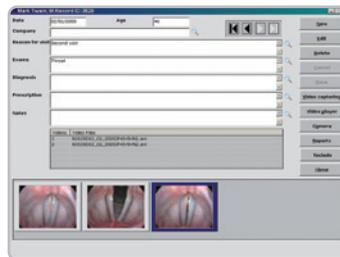
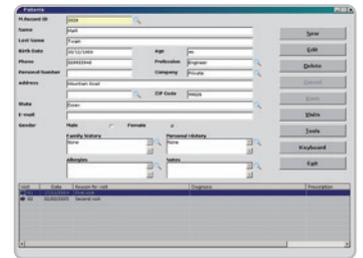
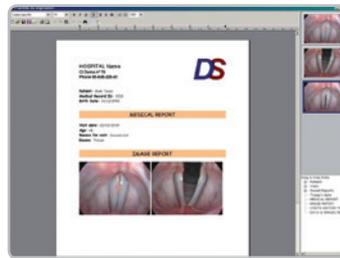
## PATIENT MANAGEMENT SOFTWARE

The **Digitally Soft** video microscopy system integrates the digital image, video and data capture system with the characteristics of the OP-C12 microscope.



Digitally Soft allows you to generate reports, export images, videos and visually compare the evolution of the treatment.

It even performs statistical studies, calculation of areas, comparison of measurements and other functions that manage patient data in a simple and agile way.



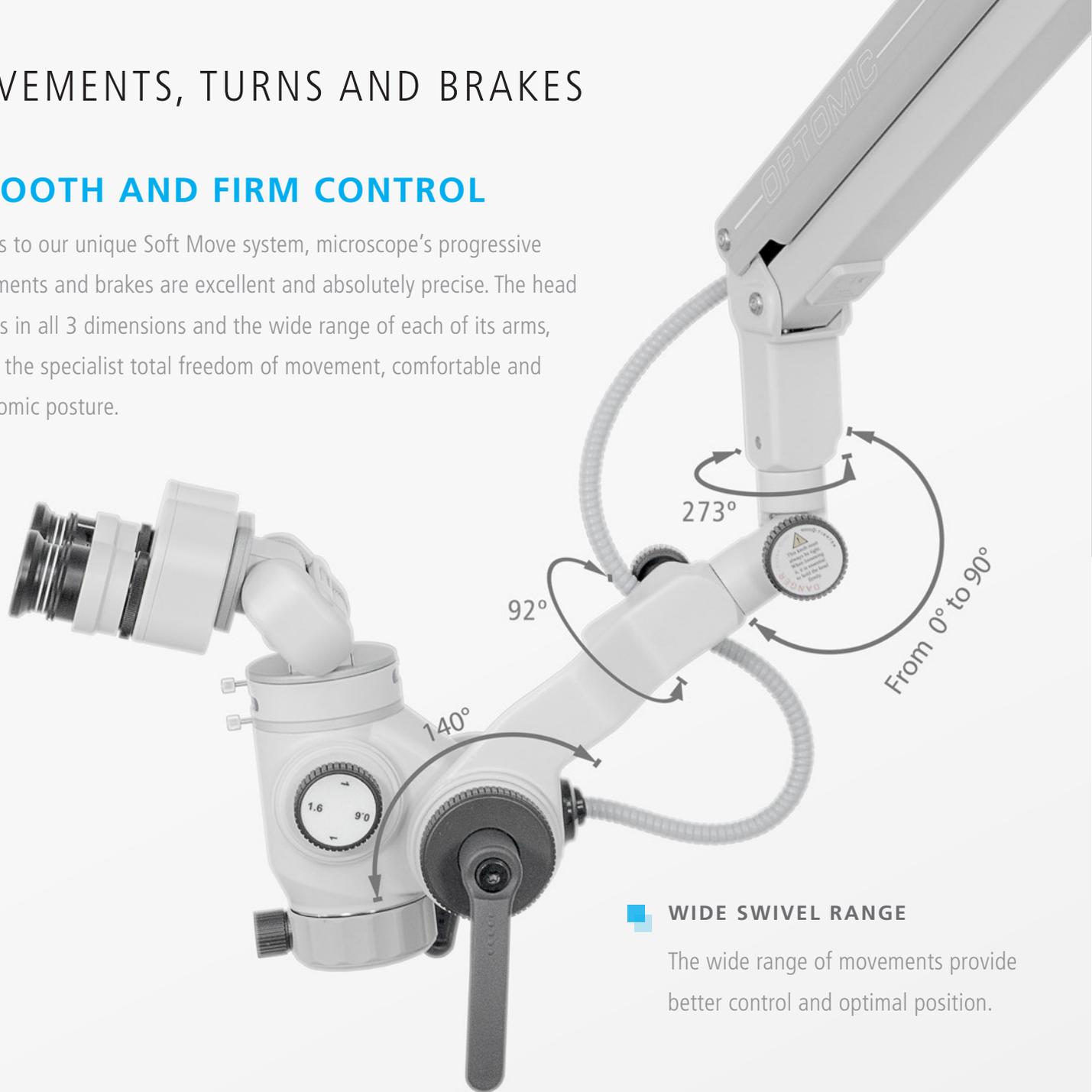
**HD** Digitally Soft



# MOVEMENTS, TURNS AND BRAKES

## SMOOTH AND FIRM CONTROL

Thanks to our unique Soft Move system, microscope's progressive movements and brakes are excellent and absolutely precise. The head swivels in all 3 dimensions and the wide range of each of its arms, giving the specialist total freedom of movement, comfortable and ergonomic posture.



### WIDE SWIVEL RANGE

The wide range of movements provide better control and optimal position.

### CONTROL HANDLES

The handles can be fixed in any position.



# MICROSCOPE **OP-C12**



## **APPLICATIONS**

The OP-C12 microscope is used to obtain enlarged and well illuminated images, which facilitates the diagnosis and treatment of various pathologies. In the case of the ear, it is especially useful due to its small dimensions.

Its wide magnification range allows finding the desired magnification for each application. It enables the attachment of photographic or video cameras to obtain images that can be used for documentation, diagnosis and monitoring.

### **MULTIPLE THERAPEUTIC PROCEDURES:**

- Diagnosis of otitis externa and media
- Tympanic perforations
- Cleaning of ear wax
- Aspiration of secretions in cases of infection
- Foreign body removal
- Application of medicines
- Intratympanic corticosteroid infiltration
- Obtaining samples for microbiology
- Performance of small biopsies



## GENERAL CHARACTERISTICS

■ HEAD	Stereoscopic with micrometer focusing
■ BINOCULAR	Wide field straight binocular (standard) Optional: inclined at 45° and tiltable 0-240°
■ EYEPIECES	12.5x wide field. Optional: 10x and 16x
■ OBJECTIVES	Standard 200 mm. Optional: 250 mm, 300 mm, 400 mm
■ MAGNIFICATIONS	3 steps Galileo system (0.4x, 0.6x, 1x)
■ MAGNIFICATION RANGE	1.0x to 17.0x
■ LIGHTINGS SYSTEM	LED light source
■ CONDUCTION OF LIGHT	Fiber optic cable
■ HEAD AND ARMS	With progressive brakes and movements by high resistance bearings, Soft Move system
■ VOLTAGE	100/240V 50/60Hz
■ MOUNTING OPTIONS	Floor, wall and ceiling
■ ACCESSORIES	Beam Splitters (various options) Digitally Soft Software Monitor support Laptop tray Camera tray

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