



producing quality

HIGH PRECISION OTORHINOLARYNGOLOGY

MICROSCOPE OP-C16



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

MICROSCOPE **OP-C16**

ADVANCED MICROSCOPY

The OP-C16 microscope meets the most demanding requirements in clinical environments.

Thanks to its 5x steps magnification changer it is possible to make detailed examinations, thus observing, sharp and clear images.

Its compact design facilitates integration into small spaces while maintaining its functionality.

It offers precise and smooth mobility thanks to its joint system and arm movement, allowing precise adjustments.

The optical quality is exceptional, with high-resolution lenses providing sharp, clear images, complemented by an advanced LED illumination system.

It has an efficient progressive braking system guaranteeing the desired position and precision in diagnostics and interventions.



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

"WHERE EVERY DETAIL COUNTS"



MOVEMENTS, TURNS AND BRAKES

SMOOTH AND FIRM CONTROL

Thanks to our unique Soft Move system, the microscope's movements and progressive brakes are excellent and have absolute precision.

The head swivels in all 3 dimensions and the wide range of each of the microscope arms provide the specialist with total freedom of movement, as well as a comfortable and ergonomic posture.

WIDE SWIVEL RANGE



CONTROL HANDLES

Handles can be fixed in any position.



MICROSCOPE **OP-C16**

STABLE, PRECISE AND AGILE

The OP-C16 brakes, with progressive adjustment, allow to improve its performance and keep the equipment in the desired position. Its stability makes the equipment unique for an optimal result, speeding up any necessary movement during the interventions.



ROLLING FLOOR STAND

Reduced dimensions and possibility of moving the equipment thanks to five wheels with individual brakes.



FIXED FLOOR STAND

Compact stand that allows the microscope to be fixed to the floor and provides great stability.



WALL MOUNT

Space saving by allowing the microscope to be folded to the wall when not in use. An optional 30cm radius extension is available.



CEILING MOUNT

Frees up space, optimizing the clinical environment.

The logo for Optomic, featuring the word "OPTOMIC" in white capital letters inside a blue rounded rectangle with a white border.

OPTOMIC

OBJECTIVES, EYEPIECES AND MAGNIFICATION

VISIBLE ACCURACY

The OP-C16 is ideal for examining every detail of the area to be scanned, favoring an accurate diagnosis. The magnifications provide greater precision and the vision parallel to the working field reduces eye fatigue.

BINOCULAR

- Wide field straight binocular (standard)
- 45° inclined binocular (optional)
- 0° - 240° inclinable binocular (optional)

WIDE FIELD EYEPIECES

- Standard: 12,5x.
- Optional: 10x and 16x.
- Excellent resolution, contrast and sharpness, providing bright, true-to-life color images.



MICROSCOPE **OP-C16**

THE POWER OF MAGNIFICATION



■ **FIXED OBJECTIVES**

Standard: 200mm.
Optional: 250mm, 300mm and 400mm.

■ **VARIFOCAL LENS** (optional)

f = 200mm to 400mm

It allows to vary the focused working field without the need to move the microscope head.

■ **MAGNIFICATIONS**

Wide magnification range: from 1.0x to 26.0x, depending on the combination of objective, binocular and eyepiece chosen.

■ **FINE FOCUS**

It makes it possible to accurately and clearly focus on the work area.

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LIGHTING SYSTEM

TECHNOLOGY MADE LIGHT

The light source provides clear visibility and focused illumination in areas that are difficult to see. Coaxial illumination clears the desired area of shadows and keeps the periphery dark, focusing attention on the truly relevant information.



FIBROLUX LED HP

- Light intensity control and filter selection.
- Filters: green and warm light
- More than 60,000 working hours.
- Optional hand control.

VIDEOMICROSCOPY SYSTEM

HIGH RESOLUTION AT YOUR FINGERTIPS

OPTOMIC offers a complete range of beam splitters for capturing images and videos and documenting procedures for later analysis and training.

It facilitates communication to inform and involve the patients in their treatment plan.

It records audiovisual material so that it can be shared on professional platforms and other networks.

■ OP-TV 10HD BEAM SPLITTER (optional)

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



■ MONITOR SUPPORT (optional)

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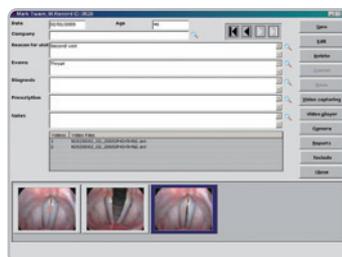
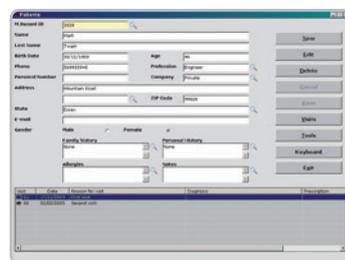
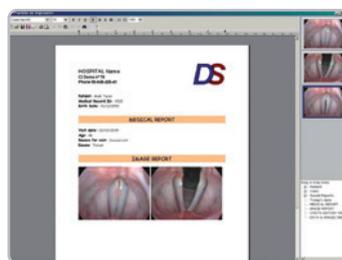
VIDEOMICROSCOPY SYSTEM

CAPTURE SOFTWARE

The **Digitally Soft** video microscopy system integrates the digital image, video and data capture system with the features of the OP-C16 microscope.

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

It even performs statistical studies, area calculations, measurement comparisons and other functions that manage patient data in a simple and agile form.



HD
Digitally Soft

MICROSCOPE OP-C16



APPLICATIONS

The 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, the OP-C16 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
- Extraction of foreign bodies
- Application of medicines
- Intratympanic corticosteroid infiltration
- Obtaining samples for microbiology
- Performance of small biopsies



GENERAL CHARACTERISTICS

	HEAD	Stereoscopic with fine focusing
	BINOCULAR	Wide field straight binocular (standard) Optional: 45° inclined and inclinable 0-240°
	EYEPIECES	12.5x wide field. Optional: 10x and 16x
	OBJECTIVE	Standard 200mm. Optional: 250mm, 300mm, 400mm and varifocal from 200mm to 400mm
	MAGNIFICATIONS RANGE	From 1.0x to 26.0x
	MAGNIFICATIONS	5 steps Galileo system (0,4x, 0,6x, 1x, 1,6x and 2,5x)
	LIGHTING 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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