ZEISS EXTARO 300

for education

ZEISS

Seeing beyond

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Elevating the teaching experience with ZEISS EXTARO 300

Are you looking for an interactive teaching solution for dentistry, ENT and other surgical training courses? EXTARO® 300 from ZEISS can support you to teach interactively breakthrough visualization capabilities.

High-quality training of dedicated clinical applications is essential in the field of microsurgery.

ZEISS EXTARO 300 together with ZEISS Connect app allows you to communicate with your trainees interactively and intuitively during and after each training course.

Actively guide your trainees while they get a first hands-on experience under magnification, recognize precise anatomical structures, and identify fine details throughout the whole learning process.

Easy operation of ZEISS EXTARO 300 enables the trainees to focus on the training topics without interruptions.

Interactive Teaching

Share the process. Strengthen the communication.

The **integrated HD camera** of ZEISS EXTARO 300 together with **ZEISS Connect app** enables co-observation from your trainees in real time and in high definition via iPad screen. You can easily have the on-the-spot interaction and discussion during the course, thus offering timely feedback to your trainees and improving the trainee engagement in the course.

Moreover, ZEISS Connect app allows you and your trainees to smoothly and simply archive all the images and videos from the course to an existing network, benefitting from a digital data management workflow.

Augmented Visualization

Enhance the view. Advance the practice.

Depending on the discipline of the training course, you can choose various **Augmented Visualization Modes** on ZEISS EXTARO 300 to fulfill the specific needs. In this way, ZEISS EXTARO 300 enables the trainees to utilize the enhanced visualization for better training of dedicated clinical application skills.

For dental applications

Fluorescence Mode supports detection of caries and helps to differentiate tooth material*.

NoGlare Mode suppresses obtrusive reflections, supporting to precisely analyze the color shades of a tooth.

TrueLight Mode prevents premature composite* curing while working in a more natural light environment.

For ENT applications

MultiSpectral Mode enhances color contrast to better distinguish between vasculature and tissue.

NoGlare Mode suppresses obtrusive reflections, allowing for a faster and more detailed distinction of anatomical details and artificial implants.

* For specifications see user manual.

Single-Handed Operation

Improve the posture. Increase the performance.

ZEISS EXTARO 300 is an easy-to-use system. The trainees can adjust and reposition the microscope effortlessly thanks to the newly designed **table mount** suspension for educational environment. With just one finger, the innovative multifunctional **Mode Control** allows them to activate all visualization modes and camera functionalities. From the same hand position, the trainees can adjust the focus without leaving the preferred ergonomic working position by using the **Varioskop® 230**.

Technical Data

EXTARO 300 from ZEISS

		Packages	Dent	ENT	Basic
Magnification System	Manual 5-step apochromatic magnification changer		●	●	●
Eyepieces	12.5x widefield eyepieces without reticle		●	○	○
	12.5x widefield eyepieces with reticle		○	○	○
	10x widefield eyepieces without reticle		○	●	●
	10x widefield eyepieces with reticle		○	○	○
Tube	180° tiltable tube		●	○	●
	Straight binocular tube		○	●	○
	Foldable Tube f170 / f260 including the PROMAG function boosts to 150 % magnification for a detailed view		○	○	○
Focus	Varioskop 230, working distance 200 – 430 mm		●	●	●
Coupling	120° coupling		●	●	●
	Straight coupling		○	–	○
Illumination System	TriLED, 5500 K		●	●	●
	LightBoost – Xenon equivalent light intensities*		●	●	○
Visualization Modes	Orange Color Mode		●	–	●
	Green Color Mode		●	●	●
Augmented Visualization Modes	Upgradable kit (mandatory for Augmented Visualization Modes)		●	●	○
	Fluorescence Mode		●	–	–
	TrueLight Mode		●	–	○
	NoGlare Mode		●	●	–
	MultiSpectral Mode		–	●	–
User Interface	Ergonomic handgrip		●	●	●
	Mode Control		●	●	●
	Single finger adjustable illumination, focus and SpotLight (motorized aperture control)		●	●	●
Communication	Complete communication: Integrated HD camera with recording on USB or wireless recording to the ZEISS Connect app; network integration available for archiving purposes; HDMI output		●	●	○
	DICOM (only in combination with complete communication)		●	●	○
iPad Holder	USB Type C		●	●	○
MORA Interface	MORA Interface – remain in an upright position regardless of the angle of view: with documentation port		○	–	○
	MORA Interface – remain in an upright position regardless of the angle of view: without documentation port		○	–	○
Co-observation	Stereo co-observation package with straight tube, incl. beamsplitter and TriLED with LightBoost providing xenon-like intensities*, 10x eyepieces		○	○	○
	Stereo co-observation package with straight tube, incl. beamsplitter and TriLED with LightBoost providing xenon-like intensities*, 12.5x eyepieces		○	○	○
Asepsis Caps and Drapes	Asepsis Starter Kit with high quality splash protection for the objective lens and resterilizable covers for Varioskop, Mode Control, magnification changer and PD adjustment		○	○	○
	Drape Starter Kit		○	○	○
Suspension System	Stationary table mount		●	●	●

● Default in package ○ Changeable/ upgradable in package – Not configurable

* Carl Zeiss Meditec AG internal data on file, not published.

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