TIVATO 700 from ZEISS

Seize The Digital Future

ZEISS

Transforming possibilities into realities.

ZEISS TIVATO 700

Enhance precision and efficiency in the OR

Today's microsurgical landscapes require advanced technology capable of performing complex procedures in simple, intuitive ways. Reliable performance for all of your patients is key.

For demanding surgical applications in ENT, Spine and P&R look no further than **TIVATO® 700**[1] **from ZEISS**, the latest **Advanced Visualization System** from ZEISS. Understanding your daily workload, this fully integrated visualization system enhances usability and is built on technology ahead of its time.

During advanced surgical interventions and post-procedure workflows, **ZEISS TIVATO 700** is your intelligent partner that enhances all-around performance when it is needed most.

// INNOVATION
MADE BY ZEISS

[1] Only for sale in selected countries. The shown contents may differ from the current status of the approval of the product or service offering in your country.

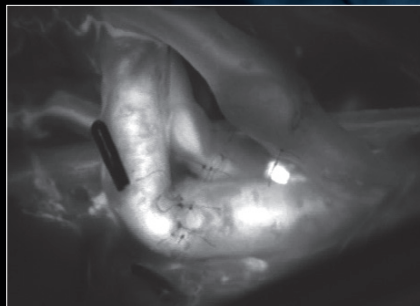# Achieve enhanced visualization during your workflow.

New treatment modalities, enhanced visualization, and brilliant broadcasting of procedure in the operating room – the surgical landscape is changing at a rapid pace. Without the best tools and most intuitive technologies, your workflow can be disrupted inside and outside of the operating room (OR).

Workflow-Enhancing Visualization enables you to have state-of-the-art modalities at your fingertips. The ZEISS TIVATO 700 enables effortless use of advanced surgical visualization modalities and delivers superb image clarity for every procedure.

Visualization – enhanced.

Experience our fluorescence options.
Leveraging brilliant apochromatic optics from ZEISS, now venture into new fields including the use of **intra-operative fluorescence**[2] options. Assess patency of vessels joined by anastomosis with **ZEISS INFRARED 800**. Go even further with **ZEISS YELLOW 560** to visualize fluorescence-stained structures for additional clinical applications.

Vessel patency after anastomosis with ZEISS INFRARED 800[3]

Lumbar spinal tumor with ZEISS YELLOW 560[4]

Visualize with 4K.
Inside the OR, you can broadcast the procedure every step of the way in brilliant detail with the **integrated 4K camera technology**, while the large external monitor allows for easy viewing by your entire team.

[2] Please use the fluorescent agent as per the approval status for the application in your country.
[3] Image courtesy of Prof. Dr. Milomir Ninkovic, University Clinic, Bogenhausen, Germany; recorded with ZEISS OPMI PENTERO 900
[4] Image courtesy of Prof. Dr. Talat Kırış from LIV Hospital Cancer Center, Istanbul, Turkey

Always in position to perform.

The OR is a demanding place full of activity – with multiple people and devices all inside a small room. Yet, different types of procedures require different set-ups and workflows. Every day in the OR is different and any disruption, such as elaborate rebalancing, can hinder desired clinical outcomes.

Ultimate Reach & Flexibility gives you and your team the freedom to handle every OR situation with confidence. ZEISS TIVATO 700 offers **excellent overhead clearance** to work under the arm of the visualization system in every set-up. Position the base as your space allows and still operate comfortably with **Ultimate Reach**. When working with long instruments, rely on the **large working distance** of 200 – 625 mm to ensure continuous focus. Prepare the device with ease for daily use with convenient features like **AutoBalance™** and **AutoDrape®**.

Flexibility – reached.

Stability reimagined.
Avoid unwanted vibrations during procedures after the repositioning of the visualization system and during small movements. Experience the innovative **Active Vibration Damping**, strengthened by robotic movements, to streamline your surgical workflow.

Get fully connected in your OR.

Frequently rotating OR teams require easy-to-use medical equipment with intuitive user interfaces. Integrated medical devices lead to a faster turnaround in the OR enabling more patients to be treated and improved procedural efficiency.

Go **All-Digital** with an easy-to-use and future-ready platform for a seamless entry into the world of fully connected visualization systems.

ZEISS TIVATO 700 offers you an **intuitive graphical user interface** that makes interaction with the system simple for everyone in your operating theater. It comes with a **full connectivity package**, including the **ZEISS Connect App** to digitally manage surgical data, and dedicated functionalities to integrate into an existing hospital IT infrastructure. The **ZEISS Observe App** enables streaming in realtime on a mobile device and ZEISS VR ONE Plus glasses. Remote connectivity, enabled by **ZEISS Smart Services** offers you faster support to improve availability of your device.

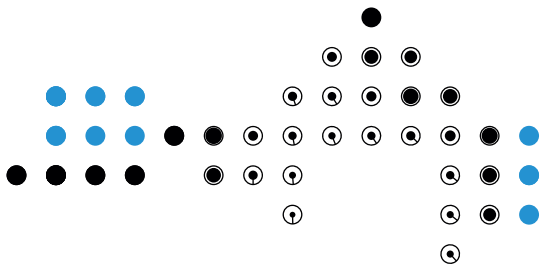**Digital ORs – connected.**

ZEISS Connect   **ZEISS Observe**

Succeeding. The smart way.
Smart Services from ZEISS

Be successful. With remote solutions from ZEISS.
ZEISS TIVATO 700 is powered by **ZEISS Smart Services**, the new remote service platform from ZEISS. With this platform ZEISS strives to establish a new dimension in services. Its architecture provides a high level of IT infrastructure security and offers all stakeholders more confidence in conducting daily business.

Is maintaining system availability of critical importance to you? If this is the case, you should opt for fast, qualified assistance with an OPTIME service agreement including ZEISS Smart Services.

Technical Data
TIVATO 700 from ZEISS

Packages		Standard	Spine Comfort	ENT Comfort	Premium
System	TIVATO 700 Basic System	●	●	●	●
Main Tubes	Straight binocular Tube	○	□*	□*	□*
	180° tiltable Tube	○	–	○	–
	Foldable Tube f170/f260	–	●	○	●
Eyepieces	10x wide-field eyepieces	○	○	○	○
	12,5x wide-field eyepieces	○	○	○	○
Focus	SpeedFokus	□	●	□	●
Illumination	Xenon – Fully integrated Xenon light source with automatic lamp exchange	–	○	○	●
	TriLED – Fully integrated LED light source	●	○	○	–
Co-Observation	Face-to-face with StereoBridge	□	●	□	□
	Left/Right with Stereo Co-observer	□	□	●	□
XY-Movement	Angular movement with joystick or foot pedal	□	□	●	●
Video System	Standard HD Video Package – Fully integrated 1-chip HD camera, 1080p	○	–	–	–
	Premium HD Video Package – Fully integrated 3-chip HD camera, 1080p	○	○	○	–
	4K Video Package – Fully integrated 3-chip 4K camera, 2160p	–	○	○	●
Video Options	Videorecording	□	□	□	●
	HD Video-In	□	□	●	●
Fluorescence**	YELLOW 560 Preparation	–	□	○	●
	INFRARED 800 Preparation	–	□	○	●
Visualization	Additional Depth of Field	□	□	●	●
Networking & Storage	Integrated 1TB Harddrive	□	□	□	●
	Wireless Network Package – Enables WLAN and WiFi Hot Spot functionality	□	□	□	●
	Shared Network Package – Storage on shared network directories	□	□	□	●
	DICOM Package – Patient data exchange with PACS system via DICOM	□	□	□	●
	ZEISS Smart Services Package – Connectivity for ZEISS Smart Services	●	●	●	●
Navigation	Navigation Package	–	□	□	□

* available as an additional tube
** choose one, separate module necessary for activation

● Basic   ○ Configurable   □ Option

Cochlea implantation surgery. Image courtesy of Prof. Dr. Joachim Hornung, University Clinic Erlangen, Germany (Page 2 & 8)
Spinal hemangioblastoma. Image courtesy of Prof. Dr. med. Karl-Michael Schebesch, University Clinic Regensburg, Germany (Page 5)
Decompression surgery. Image courtesy of Dr. Andreas Korge, Schoen Clinics Munich, Germany (Page 6)

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