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ATMOS Skills Lab

# The educational and training workstation for doctors

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*Exactly  
what  
I need*

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ATMOS Skills Lab

# Built for the professional training & further education of healthcare professionals

Whether in ENT medicine, surgery or one of the many other medical fields, a successful career largely depends on good training and continuous further education. Following intensive discussions with healthcare professionals around the world, ATMOS developed the ATMOS Skills Lab, an educational and training workstation that enables aspiring and experienced doctors to expand and improve their skills under realistic conditions. The ATMOS Skills Lab is also ideal for preparing and planning operations. Manufactured from the highest quality materials and equipped with the latest visualization technologies, the ATMOS Skills Lab is a guarantee for professionally trained healthcare professionals as well as maximum safety and quality standards during medical procedures.



Interdisciplinary training workstation

### TOP-LEVEL INFECTION CONTROL

Infection control is a decisive factor in medicine — and this also applies especially to educational and training workstations. To minimize the risk of infection and ensure the safety of doctors, the work surface of the ATMOS Skills Lab is made of CORIAN®. Its homogeneous, nonporous surface prevents dangerous bacteria and molds

from settling in the first place. This robust and extremely easy-to-clean mineral material offers the ideal conditions for the modern training of doctors from various disciplines.



Body made of CORIAN®

### NO RESTRICTIONS ON TECHNOLOGY

Increasingly powerful visualization technologies are characteristic of today's modern operating rooms. To help aspiring and experienced doctors learn and deepen their knowledge of such visualization technologies, the ATMOS Skills Lab is equipped with an integrated light source, a microscope, and an endoscopic camera system. This allows even the

smallest anatomical structures to be depicted precisely, and minimally invasive surgical procedures can be practiced over and over again. To use these technologies, all you need is a power connection.



Integrated light source, microscope, and endoscopic camera



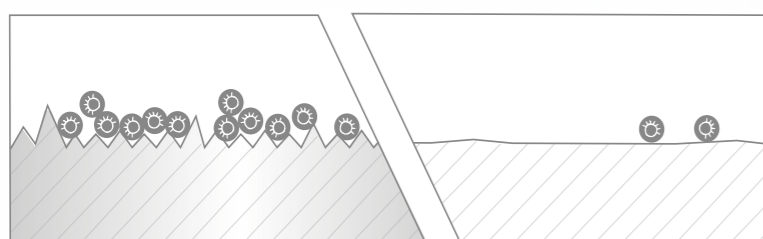
ATMOS Skills Lab — design

# Hardware? Sophisticated.

To be able to concentrate fully on their tasks during their professional training and further education courses, medical staff must be able to completely rely on the hardware. That's why a lot of thought went into the ATMOS Skills Lab. It not only guarantees the user maximum protection against infection, but also more flexibility, mobility, and user comfort.

## THOUGHT OUT DOWN TO THE LAST DETAIL

An outstanding feature of the ATMOS Skills Lab is its body made of CORIAN®, whose nonporous surface offers ideal protection against contamination. But what's more, the new educational and training workstation from ATMOS boasts numerous special features that benefit users in their daily education and training routine. One such feature is the set of heavy-duty rollers under the ATMOS Skills Lab. They make it possible to move the training workstation quickly to its place of use and reposition it there to suit the respective course and room situation. The mobility of the ATMOS Skills Lab goes hand in hand with its many functional features. This includes the drawers without handles, which can be easily opened by simply tapping them with your knee, elbow, or the back of your hand, thus ensuring a hygiene-optimized workflow. But also the surgical suction device integrated in the large drawer and the additional storage space for a high-speed micro drill and shaver system are evidence of the ATMOS Skills Lab's hardware concept that has been thought out down to the last detail.



Surface of conventional materials,  
e.g., stainless steel

CORIAN® surface

## LARGE WORK SURFACE

For integrating additional systems such as a high-speed micro drill and shaver system, which ensures maximum precision, safety, and user comfort in surgery.



## CORIAN® SURFACES

For maximum protection of medical staff against infection and contamination. A clever cleaning concept reduces the effort required for cleaning and disinfection.



## PUSH-TO-OPEN DRAWERS

For hygienic opening of the drawers by gently tapping the drawer front with the back of your hand or knee.



## HEAVY-DUTY ROLLERS

For easy transportation and repositioning of the educational and training workstations. Perfect for reacting quickly to changing training situations. Including brakes and height adjustment option.



Body made  
of CORIAN®

ATMOS Skills Lab — technologies

# Technology? Comprehensive.

Visualization technologies have become an integral part of modern medicine. That's why the ATMOS Skills Lab has an integrated light source, a microscope, and an endoscopic camera system. These combined technologies not only enable uninterrupted, simple switching between endoscopy and microscopy, but also an exact representation of the tissue and organs: doctors can therefore practice and perfect surgical procedures before performing them on patients. A special feature: the modules of the ATMOS Skills Lab can be networked with one another. This allows the live image to be transferred from one ATMOS Skills Lab to others. A training session can thus be followed at several training workstations or in other lecture halls simultaneously.



## ENDOSCOPIC CAMERA

For diagnostic and minimally invasive surgical procedures. The integrated light source enables doctors to learn how to use the equipment and work under endoscopic vision.



## SURGICAL MICROSCOPE

For difficult procedures with the highest demands on precision. High-resolution optics and integrated HD camera technology provide the highest image quality for training.



## MEDICAL MONITOR

For medical images in HD quality. Colleagues and tutors can take part in training sessions via the monitor, improving overall communication in all aspects of training.



## INTEGRATED CAPTURING MODULE

For subsequent analysis of the training sessions. The integrated capturing module, protected by a splash protection glass, allows training sessions to be recorded and then watched and discussed over and over again. This step improves the overall efficiency of training courses.

Integrated light source, microscope, and endoscopic camera



## POWERFUL SURGICAL SUCTION DEVICE

For quick and safe suction of blood, tissue, and fluids: The ATMOS C 451 surgical suction device installed in the ATMOS Skills Lab ensures a clear work surface by providing quick vacuum build-up and high suction capacity. The innovative ATMOS Direct Docking System (DDS) enables the secretion canister to be connected to the suction hose with a flick of the wrist. The ATMOS C 451 is equipped with two autoclavable ATMOS DDS secretion canisters with a capacity of 3 liters each.



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**ATMOS Skills Lab****REF 505.0800.0**

- Surgical microscope with integrated HD camera, Depth of field PLUS, and shadowless illumination
- Column and support arm
- Suction system for irrigation suction device and secretion collection basin including foot switch and large secretion canisters
- Digital recorder for image and video recording on SD card
- Drawer for instruments
- Storage surface for surgical drill/shaver system (not included in the scope of delivery)
- Monitor 24"
- Microscope standard: 5x magnification changer, lens f = 250 mm
- Double handle

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Mount for petrous bone specimens**REF 505.0830.0**

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Upgrade endoscopy set**REF 505.0855.0**

- ATMOS LS 31 LED
- Fiber optic light cable
- Endoscopic camera

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Upgrade swivel tube**REF 505.0865.0**

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Upgrade Variozoom**REF 505.0860.0**

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Option VarioFocus**REF 538.4500.0**

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Simply scan the QR code to go to the ATMOS Skills Lab web page.