



White Edition

**ATMOS C 21 Economy /
ATMOS C 31 Economy**

**The treatment unit
for functionality and
visualization**

*Exactly
what
I need*

White Edition

ATMOS C 21 Economy /
ATMOS C 31 Economy

Compact treatment unit. Maximum functionality.

The ATMOS C 21 Economy / ATMOS C 31 Economy combines all the necessary functions for an efficient ENT workstation in a compact, economical treatment unit. Its space-saving integrated treatment modules enable more efficient work processes and increased productivity thanks to strong workflow optimization. In addition, its timeless design blends seamlessly into any practice environment, while the hygienic worktop ensures optimum working conditions. With its impressive functional, aesthetic, and hygienic properties, this treatment unit optimally meets the needs of both practitioners and patients.



Combined treatment

- THANKS TO THE FULLY EQUIPPED FUNCTION COLUMN**
- all important treatment modules are combined in the function column
 - straightforward use of the devices with automatic start/stop function when removing the handles from their holders
 - more comfortable and virtually noiseless environment for patient and practitioner thanks to noise-reducing material

High infection control standards

- THANKS TO INNOVATIVE INSTRUMENT MANAGEMENT**
- protection of instruments from dust, dirt, and contamination thanks to closed instrument management
 - hygienic worktop for optimum treatment conditions
 - integrated heated drawer for preheating instruments

Timeless design

- THANKS TO HIGH-QUALITY MATERIALS AND MAXIMUM EFFICIENCY**
- appealing, timeless design
 - corrosion-resistant, liquid-repellent, and noise-reducing hybrid material
 - modern LED lighting
 - integrated theft protection for instruments

Workflow optimization

- THANKS TO THE USER-FRIENDLY COMPLETE SYSTEM**
- effortless connection of image and video devices as well as digitally compatible diagnostic devices thanks to our ATMOS Capture Suite
 - maximum overview of all examination results in an instant
 - customized add-on furniture solutions
 - matching range of chairs and other accessories

Function column

Treatment? Comprehensive.

Makes everyday work easier: The function column of the ATMOS C 21 / C 31 Economy minimizes long distances and simplifies work for the doctor considerably. All key treatment modules are integrated to save space and boast durability and service-friendliness. When the handles are removed from their holders, all functions start automatically and very quietly thanks to the further reduction in noise compared to the previous model.

SUITABLE FOR MICROSCOPE MOUNTING

Our treatment unit has a quiet and vibration-free system (SILENT) that creates a calm environment, thus allowing you to concentrate on your work. Both patient and doctor benefit from increased comfort in this pleasant atmosphere. The vibration-free function column is also ideal for mounting the ATMOS i View microscope to ensure precise results. Thus, the treatment unit can be positioned anywhere in the room, regardless of the load-bearing capacity of the wall or ceiling as well as structural restrictions due to windows.



Combined treatment

SERVICE-FREE LIGHT SOURCE

Thanks to an LED with a service life of up to 50,000 hours, the light source remains maintenance-free, energy-saving, and noiseless.



EAR IRRIGATION SYSTEM

The ear irrigation system does not require a direct connection to the water supply. Instead, the ATMOS C 31 Economy is equipped with a storage canister that ensures reliable use regardless of the quality of the drinking water. Alternatively, the ATMOS C 21 Economy offers the possibility of connecting water bottles to the compressed air system.



SUCTION SYSTEM

Divided into the two capacity classes Basic (40 l/min) and Professional (55 l/min), the suction system works quietly and with high vacuum to remove stubborn cerumen. An optional automatic secretion canister emptying system ensures uninterrupted work. It is also possible to use disposable secretion canisters from other manufacturers.



MEDICATION SPRAYERS

One-handed operation and easily replaceable sprayer nozzles prevent cross-contamination and enable easy sprayer changes between a straight sprayer, a sprayer with a flexible nozzle, and a powder sprayer.



Innovative organization

Maximum infection control & efficiency? Closed system.

Matching the White Edition, the new unit cabinet in brilliant white offers closed instrument management with drawers specifically adapted to medical instrument trays. This not only ensures comprehensive protection against dust, dirt and contamination, but also creates an aesthetically pleasing and tidy working environment. The hygienic worktop — in elegant black or pure white — creates the perfect working area. Furthermore, the open storage space in the cabinet offers additional flexibility, for example to accommodate an HF or RF surgical device.

SERVO-DRIVE*

Thanks to the electrical opening support system SERVO-DRIVE, drawers can be opened simply by lightly tapping them with your knee, the back of your hand, or your elbow. This offers:

- effective protection of instruments against dust and contamination
- low-vibration opening and closing to protect sensitive instruments

* with a 5-year manufacturer warranty



HEATED DRAWER

The built-in instrument warming system heats instruments approximately to body temperature, providing the doctor and patient with even more comfort. This small but significant addition not only creates a pleasant treatment atmosphere, but also increases efficiency in every practice.



THEFT PROTECTION

The new unit cabinet for our treatment unit offers quick and easy theft protection for instruments and devices to ensure that everything can be left unattended where it belongs.



High
infection control
standards

INSTRUMENT TRAYS

High-quality stainless steel medical trays are used for instrument storage. The sophisticated system comprises 4 small and 6 large trays.

Special trays for ear specula and serrated trays are also available that not only protect against cross-contamination, but also ensure the safe and organized storage of instruments.



White Edition

Comfortable setting

Aesthetics in perfection? ATMOS C 21 Economy / ATMOS C 31 Economy.

The White Edition of the ATMOS C 21 Economy / ATMOS C 31 Economy treatment unit ensures timeless elegance and a modern concept in practice rooms with its radiant combination of pure white and a striking black base. The worktop of the unit cabinet is available in white or elegant black.

Its appealing design creates an aesthetically attractive and hygienic atmosphere, while the customizable LED lighting is in perfect harmony with the practice's color palette. This sophisticated arrangement not only has an impressive appearance, but it also creates a relaxed environment — ideal for patients and staff.



MODERN LED LIGHTING

The unit cabinet, equipped with state-of-the-art LED lighting, can be seamlessly integrated into the color concept of any practice. From soft tones to bold color accents, the individually adjustable LED ambiance lighting skillfully sets the scene for the cabinet and creates an inviting environment for patients and staff.



HIGH-QUALITY MATERIALS

Made of high-quality materials, the treatment unit and cabinets meet the challenges of infection control while providing a pleasantly quiet environment. The advanced combination of functionality and protection makes this hybrid material the ideal choice for demanding medical applications where durability and noise reduction are of paramount importance.



MATERIAL PROPERTIES

Features



Sound-absorbing



Good disinfection properties



Lightweight



Low vibration



Moisture-resistant



Robust



Easy cleaning



Swell-proof

Benefits



Durable



Recyclable

Complete system

Focus on efficiency? Perfected workflow.

Have you ever thought about cutting the treatment time per patient by optimizing the workflow? Now it's possible thanks to our diagnostics package CMES® (Combined Microscope-Endoscope System) in combination with the ATMOS ENT Case Manager*. Its innovative 360° cockpit offers practitioners effortless patient management. The outstanding feature of the ATMOS ENT Case Manager is the seamless integration and centralized management of images, videos, and digitally compatible diagnostic devices. Not only current examinations, but also the entire patient history across multiple locations, practices, and practitioners can be kept in view with a single click. The ATMOS ENT Case Manager therefore ensures greater efficiency.

** International market launch: 2025*



ENDOSCOPY SOLUTIONS

Our endoscopy solutions boost the efficiency of the examination and can be easily integrated into any workflow thanks to various connection options. The effective positioning of the endoscopic camera and the ATMOS Scope within easy reach of the practitioner also contributes to process optimization. Thanks to the ATMOS ENT Case Manager, the images and videos from the examination can be collected centrally, placed next to each other, and managed.



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To find out more about diagnostic imaging, simply scan the QR code or visit our website at:

www.atmosmed.com



MICROSCOPE

The ATMOS i View microscope combines outstanding features such as light intensity, depth of field, and user-friendliness and sets standards in medical imaging. The innovative H.A.S.I. filter method improves contrast and emphasizes subtle structures, which significantly improves diagnostic accuracy and examination efficiency.



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Workflow optimization



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ATMOS ENT Case Manager

ATMOS i View is part of the ATMOS ENT Case Manager. You can find more information about our solution in the accompanying brochure.



Scan the QR code and download the German brochure

Additional products

Still missing something? We've got it.

PATIENT AND DOCTOR CHAIRS

The centerpiece of an ENT examination room is undoubtedly the patient chair, on which patients should not only feel safe, but also comfortable. Our patient chairs with their soft and hard-wearing surfaces set new standards. Their modern design and excellent feel are captivating. Furthermore, the matching doctor's chairs fulfill all safety-related requirements and enable effortless adjustment for optimum positioning of patient and doctor.



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To find out more about the patient and doctor chairs, simply scan the QR code or visit our website at:
www.atmosmed.com

CUSTOMIZED ADD-ON SOLUTIONS

Our carpentry expertise at ATMOS Interieur enables us to implement special wishes.



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Further information on ATMOS Interieur and customized options:
www.atmos-interieur.de

TECHNICAL DATA

	ATMOS C 21 Economy	ATMOS C 31 Economy
Input voltage	230 V, Others: 115 V~, 127 V~	230 V, Others: 115 V~, 127 V~
Current consumption	max. 2.6 A (230 V~) max. 5.2 A (115/127 V~)	max. 5.0 A (230 V~) max. 10.0 A (115/127 V~)
Power consumption	max. 600 VA	max. 1150 VA
Fuses	T 3.15 A / 250 V~ (for 230 V~, 50/60 Hz) T 6.3 A / 250 V~ (for 115 V~, 127 V~, 50/60 Hz)	T 6.3 A / 250 V (for 230 V~, 50/60 Hz) T 12 A / 250 V (for 115 V~, 127 V~, 50/60 Hz)

TECHNICAL DATA

Suction system 40 I	High vacuum / high flow
• Freeflow	40 l/min ± 10 %
• Vacuum	-90 kPa (@ NN)
Suction system 55 I	High vacuum / high flow
• Freeflow	55 l/min ± 10 %
• Vacuum	-98 kPa (@ NN)
Suction hose	
• Inner diameter	8.0 mm
• Max. length	1.9 m
Secretion canister	1.25 l PP
Compressed-air system	
• Freeflow	21 l/min ± 10 %
• Pressure	2200 hPa (adjustable)
Cold light source for light guide connection	
• Illuminance	Min. 195 klx (in 5 cm distance of a 4.7 mm high-performance light guide) Adjustable in 10 steps from 10-100 %
• Color temperature	5500 K ± 10 %
Power supply for ATMOS LS 21 LED and ATMOS HL 21 LED	
• Current	700 mA ± 5 % Adjustable in 10 steps from 10-100 %
Ear irrigation system	
• Filling quantity	5.0 l
Endoscope heating	
• Temperature	ca. 40 °C
Mode of operation	Continuous operation
Noise level	< 42 dB
Max. operating altitude	< 3000 m (NN)
Contamination level	2
Overvoltage category	II
Dimensions (H x L x D)	
• Column	94.0 x 47.0 x 53.5 cm
• Unit Cabinet White Edition	79.0 x 115.0 x 64.0 cm
Weight	
• Column ATMOS C 21	max. 46.0 kg
• Column ATMOS C 31	max. 70.0 kg
• Unit Cabinet White Edition	max. 97 kg
Protection class against electric shock (according to EN 60601-1)	I
Degree of protection	IPX0
CE marking	CE 0124



Article numbers



506.7530.0: White Edition
Function column in brilliant white
(signal white RAL 9003).



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To find out more about the
ATMOS C 21 Economy /
ATMOS C 31 Economy – **White
Edition**, simply scan the QR
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506.7215.0: Unit Cabinet – White Top
Modern cabinet with white worktop (RAL 9003) and
LED lighting. The cabinet has a closed instrument
cabinet with drawers, storage compartment as well
as waste and instrument disposals. The cabinet has
drawers with SERVO-DRIVE and a heated drawer for
warming instruments. For instrument storage,
6 large and 4 small stainless steel medical trays and
a rail for ear specula are already included.

506.7225.0: Unit Cabinet – Black Top
Cabinet as above with black worktop. Matches the
black base of the function column. Both cabinets have
drawers with SERVO-DRIVE and a heated drawer.



506.7590.0: Visualization system White Edition
For simple installation and connection of a visuali-
zation device.

The system includes a medical grade panel PC with a
21" touch screen, a monitor handle, and 2 USB-A ports
for ATMOS iQam and ATMOS Scope. The delivered
package includes the support arm and attachment to
the function column.

For swift on-site integration, the components are
already harmonized at the factory.



**506.7090.0: Attachment kit microscope column
White Edition, complete**
Regardless of the structural conditions, the
ATMOS i View microscope can be mounted securely
and vibration-free in conjunction with a unit cabinet.



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