ENT treatment units

ATMOS S 61 Servant
ATMOS S 61 CORIAN®

Everything you need for the perfect workflow
More efficient
Reduce your expenditure by reviewing our full range and selecting only the modules and devices you need for your work.

Better ambience
Make sure your patients feel comfortable during their visit with the right design for your treatment units.
More individual
Make the most of the space in your practice by configuring the individual modules in our treatment units to suit your situation and needs.

Less strain
Enjoy a more relaxed and efficient way of work: the positions of the individual control elements and the automatic device start-up and switch-over make using our equipment fast and easy.

Greater mobility
Easily push the treatment chair to one side to create the space you need to move patients in hospital beds or wheelchairs.

Better hygiene
Place your trust in our sophisticated hygiene and secretion management system when storing, disposing of, disinfecting and picking out instruments.
THE CLASSIC CHOICE FOR STANDARD REQUIREMENTS

ATMOS S 61 Servant

Functionality and efficiency in perfect harmony

Every ENT practice is different. Its modular design concept makes the ATMOS S 61 Servant the right solution for any space – including yours. Configure the treatment unit to suit your individual requirements, space and processes – and enjoy the improved ergonomics, too!
ENT treatment unit

The heart of the unit and where all the important tools are kept:
- Suction unit
- Ear irrigation/thermal nystagmus stimulation
- Compressed air
- Economy lighting module
- Instrument management

ENT treatment unit + Vision

Also contains the following ENT treatment unit modules:
- Headlamp
- Endoscope management system
- ENT camera
- LED stroboscope
- Connections for additional light sources

ENT Treatment unit + Vision + Instruments

The comprehensive solution for instrument management:
- All ENT treatment unit modules
- All Vision modules
- Instrument storage
- Instrument disposal
- Waste disposal
- Drawers
- Pull-out desk

Approx. 850 mm

Approx. 450 mm

Approx. 400 mm to 800 mm
While developing its new treatment units, ATMOS decided to give ENT doctors a solution that would make it easy for them to fulfil the hygiene requirements contained in the legal regulations on preventing infection. To this end, ATMOS included a special material in the design: CORIAN®. This ultra-robust material has a non-porous surface to guarantee maximum hygiene levels. The almost unlimited range of design options available make it perfect for even the most discerning customers.

**New material**

Thanks to its homogeneous, non-porous surface, this mineral-organic composite material is extremely hygienic, incredibly easy to care for and able to easily withstand the worst that day-to-day practice work can throw at it. CORIAN® is far more pleasant to the touch than stainless steel and other composite materials, and leaves bacteria and fungus no opportunity to breed.

**Surface of a conventional material, e.g. stainless steel**

**CORIAN® surface**

**NEW from ATMOS:**

**CORIAN®**

The perfect material for ENT treatment units

Corian® is a registered trademark of E. I. du Pont de Nemours and Company or its affiliated companies
Wide range of colour options

Unlike stainless steel, CORIAN® creates a warm, pleasant atmosphere that will help your patients feel comfortable. Our treatment units are available straight from the factory in two modern colours: Glacier White and Warm Grey. You can also choose from a wide range of CORIAN® colour options, making your ENT treatment unit the perfect match for your practice’s interior design.

Hygiene-optimised workflow

In order to minimise the risk of cross-contamination, we have come up with an innovative instrument handling concept for our new treatment units. The system is based on strict separation of clean and used instruments: the doctor takes clean instruments out of the cabinet on one side then, once the treatment is complete, disposes of them in the cabinet on the other side.
ATMOS 360° diagnostics

Complete solution. Perfect workflow.

ATMOS 360° diagnostics is a comprehensive, modular, expandable range of network-compatible modules and devices that are easy to integrate into your existing clinic or practice structures. It guarantees comprehensive, reliable ENT diagnosis and enables you to optimise your workflow for greater efficiency.

**Lower costs**
The benefits for practice and clinic managers

The modular structure of our solution allows users to choose from a wide range of diagnostics modules and pick the exact ones they need for their work. The interface licensing costs are covered by a one-time fee that also applies to modules integrated into the system at a later date.

**Simple HIS connection**
The benefits for IT and system administration

Once installation is complete, IT managers will be able to connect additional modules with a minimum of time and effort. On top of this, the ATMOS Bridge and its built-in HL7 and DICOM interfaces guarantee a secure exchange of data with the existing IT systems.
Reliable diagnosis
The benefits for doctors and specialists
ATMOS 360° diagnostics gives ENT medical specialists a comprehensive range of functions that will enable them to perform all the examinations required for ENT diagnosis. Its sophisticated product features and intelligent functions speed up control processes and ensure that the diagnosis is completed without errors.

Greater efficiency
The benefits for organisation and administration
ATMOS 360° diagnostics makes managing patient data and diagnosis results easier, makes the data exchange with the HIS or practice software more secure, and allows better preparation of data for further processing. This makes processes much faster, noticeably optimising the workflow.
PATIENT CHAIRS, DOCTOR'S CHAIRS

Treatment chairs
Combining design, technology and comfort

Your patient chair is the key element in your ENT examination room. Make sure your patients feel safe and comfortable – with an ATMOS Chair. Our chairs set new standards with their soft and extremely hard-wearing surface, while the matching doctor’s chair fulfils all the relevant safety requirements and can be adjusted easily to optimise doctor-patient positioning.

Ergonomic doctor’s chairs
Optimum conditions for an ergonomic work posture that reduces back strain
- Adjustable backrest height
- Available with hand or foot adjustment mechanism
- Helps you to maintain an upright sitting posture

Find more information on our range of chairs in the brochure
ATMOS Chair
Versatile patient chairs

Built-in rollers for unbeatable mobility
- Entire chair can be moved with very little effort for flexible positioning – or even pushed out of the examination room, if necessary

Adjustable backrest provides easy access to the patient
- Infinitely variable between approx. 7° forward tilt and 90° shock position
- Arm rests can be folded individually, and move synchronously with the backrest

Optimum positioning in just a few seconds
- Top section of chair can be rotated 360° and fixed in any position with the stop levers attached on both sides
- Electric height adjustment (max. lifting capacity 200 kg)
- Headrest with individual height adjustment
- Separate seating surface rotation (optional)

<table>
<thead>
<tr>
<th>ATMOS® Chair</th>
<th>Comfort Basic</th>
<th>Comfort Sync</th>
<th>Professional Basic</th>
<th>Professional Electrical</th>
<th>Professional Mobile</th>
<th>Professional Complete</th>
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<tr>
<td>Seat access height</td>
<td>56 cm</td>
<td>58 cm</td>
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<tr>
<td>Seat height adjustable</td>
<td>Manual</td>
<td>Electric</td>
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<tr>
<td>Seating surface rotates</td>
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<td>Max. lifting capacity</td>
<td>150 kg</td>
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<tr>
<td>Backrest adjustable</td>
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<td>Synchronous with backrest</td>
<td>Electric</td>
<td>Manual</td>
<td>Electric</td>
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<tr>
<td>Foot support</td>
<td>Fixed</td>
<td>Synchronous with backrest</td>
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<td>Mobility function</td>
<td>-</td>
<td>-</td>
<td>✓</td>
<td></td>
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</tbody>
</table>

Premium upholstery material

Soft artificial leather for maximum seating comfort
- Soft feel
- Easy to clean
- Extremely durable and hard-wearing (up to three times more than conventional materials)

ATMOS® Chair Premium colours
- Premium Light Grey
- Premium Anthracite
- Premium Black
- Premium Fuchsia
- Premium Chocolate
- Premium Aqua
- Premium Navy

ATMOS Chair Compact colours
- Compact Stone
- Compact Anthracite
- Compact Black
- Compact Purple
- Compact Chocolate
- Compact Atoll
- Compact Navy
Cut your walking distances and enjoy a more convenient way of working: the ATMOS S 61 treatment unit combines all the important treatment modules in compact space. They are all durable, low-maintenance and quiet, making your work easy and enjoyable. One of the highlights of our treatment unit: all the functions start up automatically when you pick up the handles.

**ENT treatment unit**

Versatility in tight spaces

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**Medication sprayer**
Patented one-handed operation system prevents cross-contamination and makes sprayer changes easy
- Straight sprayer
- Sprayer with extendible nozzle
- Powder sprayer

**Automatic activation**
All the functions of the ENT treatment unit start up automatically when you pick up the corresponding handles, and can be controlled using one hand
- All the important treatment modules combined in a compact space

**Hose rinsing unit**
Easy-access rinsing canister prevents blockages in the suction system
- With optional filling system for uninterrupted work
Suction systems
Choose from two power classes
- Basic (40 l/min.)
- Professional (55 l/min.), extremely quiet

Secretion canister system
Automatic secretion canister drainage to allow uninterrupted work
- Direct docking system makes changing simple and prevents mistakes
- Secretion canister system accessible from the front in the service chamber

Disposable systems
Compatible with disposable secretion hoses and canisters provided by other manufacturers
- Serres®
- Medi-Vac®
- Receptal®

Ear irrigation systems
All parts used to channel water can be autoclaved, making them very easy to prepare
- With compressed air (500 ml per rinse)

Uninterrupted ear irrigation with water connection:
- Hygrotherm 37°C
- Variotherm (nystagmus stimulation) 20–44°C
Instrument management

ATMOS S 61 Servant

Greater organisational freedom

Optimise your workflow while maintaining compliance with hygiene requirements, even when you have a high patient turnover – with the sophisticated instrument management system included in our treatment units. The ATMOS S 61 Servant allows you to adapt the cabinets to suit your individual work habits.

Instrument trays

Systematic instrument tray configuration using stainless steel, aluminium or melamine trays:
- Small and large trays
- Trays for ear speculums
- Tray for preheating mirrors
- Toothed trays to protect against cross-contamination

<table>
<thead>
<tr>
<th>ATMOS S 61 Servant</th>
<th>Instruments</th>
<th>Instruments XL</th>
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<tbody>
<tr>
<td>Number of instrument trays in roller unit</td>
<td>6</td>
<td>9/15</td>
</tr>
<tr>
<td>Number of standard drawers</td>
<td>3</td>
<td>3</td>
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</table>
Covers for instrument shelves

Effective protection from dirt and contamination:
- Transparent cover
- Roller cover (allows you to place additional shelves above the instrument level)

Range of drawers

Equipped with soft closing mechanism as standard
- Shallow drawers
- Standard drawers (depth equal to two shallow drawers)
- Drawers with waste disposal compartment
- Open drawers for integration of radio frequency devices, etc.
- Instrument disposal compartment (container removable for preparation)

Quick mirror heater

Pre-heat mirrors to body temperature to stop them from fogging up
Enhance your instrument management system with the ingenious solutions and special features of our new ATMOS S 61 CORIAN® treatment units. In addition to the customisable, extremely easy-to-clean CORIAN® surfaces, the ENT Treatment unit with the Servo-Drive® system is one of the most important tools in enabling you to work hygienically and without interruptions.

NEW from ATMOS:

- CORIAN® Absolutely seamless and extremely hygienic

**Drawers without handles**

Innovative Servo-Drive® system allows you to open drawers by tapping them gently with your knee, the back of your hand, or your elbow
- Gives instruments effective protection from dust and contamination
- Zero-vibration opening and closing mechanism to protect delicate instruments

**AUTOMATIC FUNCTIONS, DRAWERS WITHOUT HANDLES**

Instrument management 

ATMOS S 61 CORIAN®

Top-level infection prevention
Integration options

You can equip the ATMOS S 61 CORIAN® with the following modules and devices to suit your individual needs:

- ATMOS i View microscope
- ATMOS Cam 41HD camera
- ATMOS Scope digital nasal-pharyngolaryngoscope
- ATMOS Strobo 21 LED stroboscope
- Endoscopy module/LED light source
- Quiver set for up to three rigid endoscopes (optional: heating)
- Quiver set for three flexible endoscopes (optional: rigid endoscopes)

<table>
<thead>
<tr>
<th>ATMOS S 61 CORIAN®</th>
<th>Instruments</th>
<th>Instruments XXL</th>
<th>Integral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of shallow drawers (always included)</td>
<td>1</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Number of standard drawers</td>
<td>3</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Space for visualisation equipment</td>
<td>-</td>
<td>-</td>
<td>✓</td>
</tr>
</tbody>
</table>
Our light sources offer a whole range of benefits for both you and your patients. For example, our LED lighting modules are passively cooled by a sophisticated ventilation system, are completely noiseless and do not stir up any dust. Thanks to the optimised light connection system, the endoscope and tissue never heat up, even when the unit is running at high power.
Endoscope light sources
Light handle ATMOS LS 21 LED fixed directly to the endoscope; no fibre optics required. Additional options:
- Colour temperature: white
- Colour temperature: warm white
- Automatic activation
- Brightness control
- Can be battery-powered for extended mobility

Powerful ATMOS LED Light Cube light source with automatic activation and brightness control for all conventional fibre-optic systems:
- ATMOS
- Storz
- Olympus
- ACM
- Wolf

LED headlamps
The ATMOS HL 21 LED is light, zero-maintenance and produces the optimum colour temperature (daylight). Additional options:
- Automatic activation
- Brightness control
- Cordless battery-powered unit

Conventional headlamps with fibre-optic cabling are also available as an alternative.
STROBOSCOPES, CAMERAS, MICROSCOPES, ENDOSCOPES

Visualisation systems

Top-class imaging diagnostics

Endoscopy and visualisation make ENT diagnostics more efficient and help patients to understand their diagnoses. You too can benefit from our imaging diagnostics solutions! Our devices come with a range of connection options for easy integration. Our ATMOS Capture Suite visualisation and archiving software allows for additional process optimisation.

ATMOS endoscopes
Full range of endoscopes for extensive visual diagnostics using optics and lighting
- Laryngoscopes
- Ear, nose and throat endoscopy
- Flexible nasopharyngoscope

ATMOS i View microscope
Our own comprehensive, harmonised system with optics and lighting
- Perfect for everyday tasks thanks to excellent handling
- Easy to integrate into the treatment unit

Find more information in our brochure
ATMOS i View
ATMOS stroboscopy module
Silent stroboscopy with LED technology
- Optimised for ATMOS laryngoscopes and cameras
- With built-in ATMOS light handle – no fibre-optics necessary

ATMOS ENT cameras
Available in standard resolution (ATMOS Cam 21/31) and HD resolution (ATMOS Cam 41 HD)
- Camera settings adapt automatically to changes in endoscope and microscope – no adjustments or white balancing necessary
- Built-in image memory allows you to save up to eight separate images (four simultaneously) for side-by-side comparison

ATMOS Scope digital nasal-pharyngo-laryngoscope
With ergonomic handle and ATMOS “chip on the tip” technology for extremely high-quality wide-angle images
- Light source, camera and microphone built into handle
- Outstanding depth of sharpness and clear, high-contrast imaging results
- Controlled using function buttons on the handle
Optimise your workflow for routine examinations and cut your patients’ waiting times with our ENT diagnostics package. It contains all the diagnostic equipment you need for rhinomanometry, sonography, tympanometry, and caloric stimulation. This allows you to take measurements quickly directly from the treatment unit.

**Rhinomanometry**
Unique hygiene concept with built-in filter pad for protection against bacteria and viruses
- Replaceable filter sheets in probe body prevent contamination of the insides of the probe
- Measurement data displayed in real-time as a rhinogram (breathing graph)

**Caloric stimulation**
Automatic activations and ear irrigation bulb with separate suction channel enables:
- Caloric stimulation of the vestibular system (Variotherm module)
- Ear irrigation (Hygrotherm module)
Sonography
Pre-set amplification parameters and depth scale for maxillary and frontal sinuses
- Foot switch and automatic mode for quick procedure and saving images
- Optional: manual operation using modifiable amplification curves for custom depth compensation

Tympanometry
Three real-time measurement procedures, each in its own interface
- Simple and intuitive operation
- Graphic and numerical results display

Find a detailed overview of all our diagnostic equipment in our brochure
ATMOS 360° diagnostics