

# ATMOS® C 11 Systema

Developed from the expert:

Next generation ENT workstation technology.

Effective working efficiency.



# ATMOS

Especially for y  
the ENT v



# For you, we rethought the workstation!

As one of the leading experts in fully equipped, high quality ENT workstation systems, we fully appreciate the requirements of ENT clinicians. As a result of this knowledge and experience we have developed the new ATMOS® C 11 Systema. In every ATMOS® C 11 Systema, our understanding of your needs is demonstrated and your experience in achieving optimum patient/doctor workflow is expressed.

## The little giant – small footprint, high possibilities

You can start with a small, inexpensive system but this can grow as your needs develop. We believe in using the highest quality materials (metal construction), the latest technologies (LED illumination), and sophisticated hygiene concepts (independent, auto-clavable ear irrigation module) can be integrated in the new ATMOS® C 11 Systema.

# The complete upgrade...

The optimum space utilisation – ATMOS® C 11 Systema

## 1 // Microscope

Workstation and microscope mobility allow the system to be relocated for a multi-disciplinary setting:

- stable, vibration-free suspension
- independence from the nature of the room, also for relocation within the practice/clinic.

## 2 // Instrument management

Your instruments can be conveniently stored and are within easy reach.

Up to 2 optional storage levels are available including a clear, top cover to protect them when not in use. Additional instrument capacity is available using the integrated drawers below.

## 3 // Ear irrigation

The ear irrigation module with an integrated, independent water canister offers you the possibility to use warm water (37°C) with compressed air for ear irrigation. This allows for independence from the mains water supply.

## 4 // Compressed air module and sprayer management

The compressed air module in connection with different sprayer bottles allows for an ear irrigation with warmed water and for the application of medication sprayers.



## 5 // Automatic headlight hook

The headlight illumination is automatically switched on and off when removed from or placed on the hook.



## 6 // Mirror quick heater

At the touch of a button, conveniently and quickly warm your laryngeal mirrors above the mirror quick heater to prevent misting and maintain a clear view.  
Includes automatic shutdown function.

## 7 // Endoscope management

Your rigid and flexible endoscopes can be securely supported and stored when not in use but easily accessible when required.  
The 1-channelscope management is designed to assist you in keeping your clean and dirty scopes separated.

## 8 // Integrated extension table

Do you require a desk section or area to place additional diagnostic devices? You can integrate a working surface alongside your ATMOS® C 11 Systema for administration or diagnostic expansion requirements.

## 9 // LED Light Cube / LED light source

LED - the light of the future - is already used for our technologies.  
Maintenance-free and noiseless!  
LED illumination generates no heat which can be transferred to the patient during a procedure. It also benefits from maintenance free operation and emits no sound when compared with older light technology.



## 10 // Deposit for used instruments

Used instruments can be easily placed in the used instrument deposit for reprocessing or disposal.



# The basic unit...

When sometimes less is more – ATMOS® C 11 Systema

## 1 // Metal corpus with PU covers and deposit surfaces

The metal cabinet of the ATMOS® C 11 Systema is strong and corrosion resistant. Both the metal and PU work surface are smooth with easy to clean surfaces and durable against disinfectant solutions.

## 2 // Placement area for sprayer bottles

Directly integrated into the worktop are three holders for medicament bottles and two holders for ear irrigation bottles. Both are used in conjunction with irrigation and compressed air option.



## 3 // Holder for handle and hoses

Your workflow is optimised with integrated supports for suction hose and compressed air handles with automatic on/off activation when removed or returned to the support.

## 4 // Drawers

With one large and two small drawers your instruments and consumables can be stored within easy reach and allow you to maintain an organised working area.

## 5 // Mobility

Use your ATMOS® C 11 Systema any time, anywhere by opting for system mobility. Four, smooth running, lockable castors allow you to easily relocate your system!



## 6 // Instrument management

Instruments and endoscopes placed on the large working surface are within easy reach.

## 7 // LED power supply

The LED power supply offers LED connections for your ATMOS® HL 21 LED headlight and ATMOS® LS 21 LED light handle for connection to endoscopes. The light output has automatic switching for both the headlight and light handle.



## 8 // Supports for endoscope quivers

The ergonomic arrangement of the storage quivers allows you to clearly separate clean and used endoscopes.

## 9 // Powerful suction pump

ATMOS® has a global reputation for high quality, innovative and powerful suction systems. The ATMOS® C 11 Systema incorporates a high performance suction module designed specifically for ENT applications, the suction hose is automatically activated when removed from the support.



## 10 // Secretion management and DDS

The secretion management can be used in conjunction with reusable secretion containers (DDS – Direct Docking System) or disposable secretion liner systems.



# Basic units

Basic unit "sitting"

Basic unit "standing"



The ATMOS® C 11 Systema ENT treatment unit is manufactured from strong, durable, corrosion-resistant metal. Through careful design and the use of metal and PU materials, the ATMOS® C 11 Systema has smooth, easy to clean surfaces which are durable against heavy usage and disinfectant solutions.

The upper working surface can hold four large instrument trays (284 x 184 mm). Integrated into the unit below is one small drawer and large drawers for storage of instruments and consumables.

The basic unit includes storage possibilities for three clean and three used endoscopes. The silent-running suction device is user-friendly and automatically activated when the hose is removed from the support. You may choose from reusable or disposable secretion container systems which are easily accessible from the front of the unit.

For visualisation, the unit is equipped with two LED power connections for use with an ATMOS® HL 21 LED headlight and ATMOS® LS 21 LED light handle; both have automatic activation of the light output when removed from headlight hook or support.


In addition there are placement areas for 3 medicament sprayers together with 2 ear rinsing bottles.


Large drawer (600 x 120 mm)	2x	3x
Dimensions (H x W x D)	840 x 960 x 535 mm	960 x 960 x 535 mm
Small drawer (314 x 148 mm)	1x	
Deposit for used instruments	optional	
Lateral pull-out for secretion canister	✓	
Suction system	✓	
LED power supply	2x	
Holder for handles and hoses	✓	
Support for endoscope quivers	✓	
Placement area for sprayer bottles	✓	
REF	541.0000.0	542.0000.0


Please note: Secretion canister system and trays are not included in delivery! Please order separately.



# Options & Accessories

Suction System, Secretion management		REF
	Suction system for 1 ATMOS® DDS secretion canister (incl. 1.5 l secretion canister)	541.3000.0
	Support for two ATMOS® DDS secretion canisters (switchable)	541.3100.0
	Max. canister volume of 6 l, easy to switch with lever	
	Included in delivery: 1 x 3 l secretion canister, 1 x 1,5 l secretion canister	
	ATMOS® DDS secretion canister 1,5 l	340.0050.0
	ATMOS® DDS secretion canister, 3 l	340.0051.0
	Appliance for disposable secretion management Receptal®	541.3200.0
	For using 1 l Receptal® suction bags hidden in the service compartment. Included in delivery: 1 x Receptal® receptacle 1 l, 1 x suction bag Receptal® 1 l	
	Receptal® container 1 l	312.0464.0
	Receptal® suction bag 1 l, not autoclavable, 50 pcs	312.0463.0
	Appliance for disposable secretion management Serres®	541.3300.0
	For using 1 l Serres® disposable bags hidden in the service compartment Included in delivery: 1 x Serres® receptacle 1 l, 1 x suction bag Serres® 1 l	
	Serres® container 1 l	312.0465.0
	Serres® suction bag 1 l, not autoclavable, 36 pcs	312.0466.0
	Appliance for disposable secretion management Medi-Vac®	541.3400.0
	For using 1 l Medi-Vac® disposable bags hidden in the service compartment Included in delivery: 1x Medi-Vac® external canister 1 l, 1x Medi-Vac® internal canister 1 l	
	Medi-Vac® suction bag 1 l	312.0473.0
	Medi-Vac® suction bag 1 l, not autoclavable, 50 pcs	312.0474.0
	Appliance for disposable secretion management Bemis®	541.3500.0

Compressed air module		REF
	Compressed air system	541.1000.0
	Compressed air max. 2.2 bar overpressure, pump performance: 18 l/min	
	Please note: Handle has to be ordered separately.	
	Handle for compressed air for connection to the hose of the compressed air system Quickly attaches to different medicament sprayers which are integrated into the work-station. System requirements: Compressed air module with hose (REF 541.1000.0) is required	530.1157.0
	Handle for compressed air with bypass valve Like 530.1157.0, but including bypass valve which quickly attaches to different medicament sprayers or rinsing bottles	530.1191.0

Medication sprayers		REF
	Straight sprayer for fluid medications including changeable sprayer bottle	506.5225.0
	Sprayer with directional nozzle for fluid and oily medications including changeable sprayer bottle	506.5120.0
	Sprayer for powdery medications including changeable sprayer bottle	505.0253.0
	Sprayer bottle For mounting straight and adjustable sprayers	000.0577.0

# Options & Accessories

Medication sprayers		REF
	Replacement nozzle tube with union nut for straight sprayer	505.0280.0
	Replacement nozzle tube for sprayer with directional nozzle (360° twistable)	000.0219.0
	Spare hose for sprayer bottle after change of medication Included in delivery: 10 pcs.	506.5229.0
Ear rinsing		REF
	<p>Ear irrigation module compressed air</p> <p>Warm water irrigation device for connection to the compressed air system. The water canister is heated to body temperature and provides 250 ml of water for ear irrigation (to be filled with sterile water). Ear irrigation by means of the nozzle attachment with splash protection after connection of the water container to the compressed air handle.</p> <p>Included in delivery: x2 water containers, 250 ml (REF 508.0451.0), nozzle attachment 80 mm (REF 508.0427), hose tip, 30 pcs (REF 502.0844.0), splash protection (REF 501.0331.0), sealing ring (REF 501.0331.1)</p> <p>System requirements: Compressed air system is required (REF 541.1000.0) and the compressed air handle with bypass valve (REF 530.1191.0).</p>	541.1100.0
	<p>Ear rinsing bowl</p> <p>Ear irrigation Bowl to collect water/ secretions, for connection to suction system</p>	505.0353.0
Management of instruments and equipment		REF
	<p>Instrument deposit for used instruments</p> <p>Drawer for easy storage of contaminated instruments. The instruments can be deposited in the integrated plastic container (instrument deposit) even with closed drawer. For safe exchange of the instrument container the drawer can be opened.</p> <p>Included in delivery: Instrument deposit for used instruments including cover (REF 506.7751.0 and 506.7752.0)</p>	541.1200.0
	<p>Instrument deposit with one level</p> <p>Covered instrument deposit with place for three large trays.</p>	541.1300.0
	<p>Instrument deposit with two levels (to be pulled out forward)</p> <p>Additional covered instrument deposit with space for six large trays. The upper deposit level can be pulled out for opening.</p>	541.1400.0
	Instrument tray, melamine, small (Dimensions: 190 x 150 mm)	000.0746.0
	Instrument tray, melamine, large (Dimensions: 190 x 300 mm)	000.0747.0
	Instrument tray, anodised-aluminium, small (Dimensions: 184 x 142 mm)	508.0058.0
	Instrument tray, anodised-aluminium, large (Dimensions: 284 x 184 mm)	505.0516.0
	Instrument tray, stainless steel, small (Dimensions: 180 x 140 mm)	508.0058.2
	Instrument tray, stainless steel, large (Dimensions: 280 x 180 mm)	505.0516.2
	<p>Mirror quick heater</p> <p>Integrated heater for controlled and quick heating of laryngeal mirrors with automatic shutdown function.</p> <p>Please note: Integration of the mirror quick heater occupies the space of one used endoscope storage quiver.</p>	541.1500.0

# Options & Accessories

Management of instruments and equipment		REF
 	Serrated instrument holder, small For controlled storage of instruments on small trays.	508.0567.0
	Serrated instrument holder, large For controlled storage of instruments on large trays.	508.0566.0
	Holder for ear specula / Ploitzer olives (in a small tray) For controlled storage of ear specula on small instrument trays.	508.0545.0
	Please note: Instrument trays (508.0058.0 or 508.0058.2) are not included in delivery. These must be ordered separately.	
Upgrade options		REF
	Lacquered storage shelf small (metal) dimensions: (W x D): 650 x 300 mm, Height: 515 cm	541.1600.0
	Lacquered storage shelf large (metal) dimensions: (W x D): 800 x 300 mm, Height: 515 cm	541.2700.0
	Table top, straight for lateral attachment (sitting unit height) dimensions (H x W x D): 765 x 1100 x 490 mm	541.1700.0
	Table top, straight for lateral attachment (standing unit height) dimensions (H x W x D): 885 x 1100 x 490 mm	542.1100.0
	Table top, curved for lateral attachment (sitting unit height) dimensions (H x W x D): 765 x 975 x 860 mm	541.1800.0
	Table top, curved for lateral attachment (standing unit height) dimensions (H x W x D): 885 x 975 x 860 mm	542.1200.0
	Extension module for enlarging the storage space (sitting) Work table incl. additional cabinet with 5 drawers	541.1900.0
	Extension module for enlarging the storage space (standing) Work table incl. additional cabinet with 6 drawers	542.1000.0
	Extension module curved for enlarging the storage space (sitting) Work table incl. additional cabinet with 5 drawers	541.2900.0
	Extension module curved for enlarging the storage space (standing) Work table incl. additional cabinet with 6 drawers	542.1300.0
	Mobility (Set of castors for ATMOS® C 11 Systema) Please note: Cannot be combined with the table top attachment options or microscope.	541.2000.0
Visualisation		REF
	ATMOS® LED Light Cube 2-channel illumination module for light systems based on light conductors with warm white high-performance LED. Characteristics: - 2-channel high-performance LED light source for light conductor - automatic light control - adapter for light conductor available with the following connections: Storz, Wolf, Pentax, Olympus, ACMI Technical Data: Brightness light source: min. 160 to 210 klx (comparable to 250W Halogen and 50W Xenon) Service life LED light source: 50.000 h Included in delivery: Illumination module, 2 x Adapter for the light conductor with ATMOS® / Storz connection Please note: Please order the adapter for light conductor of other manufactures separately!	541.2100.0

# Options & Accessories

Light Cube		REF
	<p>LED cold light module</p> <p>1-channel illumination module integrated in the ATMOS® C 11 Systema for light systems based on light conductors with warm white high-performance LED.</p> <p>Characteristics:</p> <ul style="list-style-type: none"> <li>- 1-channel high-performance LED light source for light conductor</li> <li>- automatic light control</li> <li>- adapter for light conductor available with the following connections: Storz, Wolf, Pentax, Olympus, ACMI</li> </ul> <p>Technical Data:</p> <p>Brightness light source: min. 100 klx (comparable to 150 W Halogen), Service life LED light source: 50,000 h, colour temperature: 5,600 K</p> <p>Included in delivery:</p> <p>Illumination module, 1 x Adapter for the light conductor with ATMOS® / Storz connection</p> <p>Please note:</p> <p>Please order the adapter for light conductor of other manufactures separately!</p>	541.2800.0
Headlights and LED light handles		REF
	<p>Hook for headlamp with automatic switching</p> <p>Hook for LED headlight above the workstation for storage and easy access</p>	541.2400.0
	<p>ATMOS® HL 21 LED</p> <p>LED headlight with long-life and high-performance white light LED</p> <p>Service life 50,000 h, Infinitely adjustable focusing optic</p> <p>Include in delivery:</p> <p>Headlight, cable 2 m, cable fixation clamp</p>	530.4020.0
	<p>Headlight acc. to Binner with headband, 90°</p> <p>Headlight with fibreoptic cable, cable length 2,2m, 90°connection, Storz-adapter for connection to cold light source</p> <p>Please note:</p> <p>Light Cube (REF 541.2100.0) is required.</p>	502.0515.5
	<p>Headlight acc. to Binner without headband, 90°</p>	502.0516.0
	<p>ATMOS® LS 21 LED</p> <p>LED light handle for direct connection to endoscopes and laryngoscopes</p> <p>High-performance LED, 2 Watt/220 kLux/175 lumen, low operating costs due to the LED-durability of approx. 50,000h, connection with quick coupling for any optics, cable length: 1,90 m</p> <p>Included in delivery:</p> <p>1 x LED-handle, 1 x endoscope adapter Wolf, operating instructions</p>	507.4600.0
	<p>ATMOS® LS 21 LED, warm white</p> <p>as described above but with brightness of 150 klx / 120 Lumen</p>	507.4600.0
Adaptors for light guide cables		REF
	For ATMOS® / Storz connection	530.6100.0
	For Olympus	530.6101.0
	For Pentax connection	530.6102.0
	With Wolf connection	530.6103.0
	With ACMI connection	530.6104.0

# Options & Accessories






Endoscopes		REF
	Laryngoscopes, autoclavable, without light guide	
	Laryngoscope 70°, Ø 10 mm, working length 176 mm	950.0209.0
	Laryngoscope 90°, Ø 10 mm, working length 174 mm	950.0210.0
	Laryngoscope 70°, Ø 8 mm, working length 166 mm	950.0246.0
	Tele-magnifying laryngoscope 70°, Ø 10 mm, working length 147,5 mm (can be immersed)	950.0211.0
	Tele-magnifying laryngoscope 90°, Ø 10 mm, working length 145 mm (can be immersed)	950.0212.0
	Ear endoscopes, autoclavable	
	Wide-angle optic 0°, Ø4 mm, working length 50 mm	950.0213.0
	Wide-angle optic 30°, Ø 4 mm, working length 50 mm	950.0214.0
	Nose / pharynx endoscopes , autoclavable	
	Wide-angle optic 0°, Ø 4 mm, working length 180 mm	950.0216.0
	Wide-angle optic 30°, Ø 4 mm, working length 180 mm	950.0217.0
	Wide-angle optic 45°, Ø 4 mm, working length 180 mm	950.0218.0
	Wide-angle optic 70°, Ø 4 mm, working length 180 mm	950.0219.0
	Wide-angle optic 0°, Ø 2,7 mm, working length 110 mm	950.0220.0
	Wide-angle optic 30°, Ø 2,7 mm, working length 110 mm	950.0221.0
Flexible endoscopes		REF
	High-resolution naso-pharyngoscope, Ø 3,2 mm	950.0243.0
	Working length: 300 mm, 0°, perspective: 80°, depth of field: 5 mm to infinity, angle: 125° / 125° Included in delivery: Naso-pharyngoscope, aluminium carrying case, leakage tester	
	ATMOS <sup>®</sup> Scope - Flexible video-nasopharyngoscope with integrated LED light source and camera chip	950.0300.0
	Characteristics: Standalone visualization system with integrated LED technology and camera chip for easy handling. Control unit with connections to the monitor and PC/laptop. Further expansion opportunities through ATMOS <sup>®</sup> Cam, ATMOS <sup>®</sup> Strobo 21 LED and/or ATMOS <sup>®</sup> MedDoc.  Technical data: Dimension of control unit: 243 x 65.5 x 229.5 mm (H x W x D), Power supply: 100-240V AC, Energy consumption: max. 30 VA, Probe diameter: 3.8 mm, Working length: 300mm, angle: 2 x 160°, Viewing direction: 0°, aperture angle: 85°, Focus range: 6-60 mm, Analogue video signal: NTSC, image sensor 82.000 pixel, Output: 2 x composite video (FBAS), USB 2.0, interface ATMOS <sup>®</sup> Strobo 21 LED  Included in delivery: Flexible video-nasopharyngoscope, Control unit, power supply cable, operating instructions, 2 x power cable BNC with RCA female, plug microphone, leakage tester	



# Options & Accessories

Light guide cable		REF
	High-performance fibreoptic cable Ø 4,8 mm, L = 1,8 m, Storz-adapter, straight	950.0152.0
	Fibreoptic cable, Ø 3,5mm, L = 1,7 mm Storz-adapter, straight	508.0663.0
	Fibreoptic cable, Ø 3,5mm, L = 1,8 mm Storz-adapter, 90°	508.0664.0
Endoscope management		REF
	1-channel endoscope management for rigid scopes for the safe and quick storage of scopes (max. L = 190 mm) Included in delivery: 1 x black spacer sleeve, 1 x plastic quiver (open) for storage of clean endoscopes, 1 x plastic quiver (Ø 35 mm) for storage of used endoscopes (suitable for filling with disinfectant solution)	541.4000.0
	1-channel endoscope management for flexible scopes (max. length 500 mm) Included in delivery: 1 x black spacer sleeve for metal quiver (Ø 18 mm), 1 x metal quiver (Ø 18 mm) for storage of clean endoscopes, 1 x protective sleeve of teflon for metal quiver, 1 x black spacer sleeve for metal quiver (Ø 35 mm), 1 metal quiver (Ø 35 mm) for storage of used endoscopes (suitable for filling with disinfectant solution), 1 x protective sleeve of Teflon for metal quiver (Ø 35 mm)	541.4100.0
	1-channel endoscope management for ATMOS® Scope Included in delivery: 1 x black spacer sleeve for metal quiver (Ø 18 mm), 1 x metal quiver (Ø 18 mm) for storage of the clean ATMOS® Scope, 1 x teflon holder for metal quiver (Ø 18 mm), 1 x black spacer sleeve for metal quiver (Ø 35 mm), 1 x metal quiver (Ø 35 mm) for storage of the used ATMOS® Scope (suitable for filling with disinfectant solution), 1 x teflon holder for metal quiver (Ø35 mm)	541.4200.0
Microscope column and monitor		REF
	Monitor support for attachment to workstation	541.2200.0
	Monitor support for lateral attachment (left)	541.2600.0
	Microscope column for integration to the ATMOS® C 11 Systema	541.2300.0
	Monitor support for microscope column	541.2500.0
	Medical 15" video / PC monitor Medical monitor for connection to ATMOS® Scope and ATMOS® Cam Technical data: Power: 36 W, Weight: 4,8 kg, Voltage range: 100 – 240 V Included in delivery: Monitor, medical power supply, 15-Pin D-Sub cable, Pin DVI-D cable, s-video cable, CVBS cable, instruction for use, CD-Rom Please note: The monitor can be connected to the ATMOS® Cam 21/31 by way of the FBAS interface. However the DVI and VGA inputs are not compatible with the ATMOS® Cam 21/31.	534.3005.0

# Chair range

Chair range		REF
	<p>ATMOS® Chair 21 P</p> <p>The economic patient chair with a functional design - manual infinitely variable and rotatable patient chair with fixation to the floor.</p> <p>Available colours:</p> <ul style="list-style-type: none"> <li>▪ basic-dove blue and</li> <li>▪ white-dove blue</li> </ul>	<p>503.0700.0</p> <p>503.0730.0</p>
	<p>ATMOS® Chair 31 P</p> <p>Perfect price/performance ratio - this electrically adjustable and easy to arrest chair impresses by the ergonomic design.</p> <p>Available colours:</p> <ul style="list-style-type: none"> <li>▪ basic-dove blue and</li> <li>▪ white-dove blue</li> </ul>	<p>503.0800.0</p> <p>503.0802.0</p>
	<p>ATMOS® Chair 21 D</p> <p>The appealing design of the above mentioned patient chairs is continued with this doctor's chair and offers you in addition to the uniform design optimum ergonomics for long working days!</p> <p>Available colours:</p> <ul style="list-style-type: none"> <li>▪ basic-dove blue and</li> <li>▪ white-dove blue</li> </ul>	<p>503.0750.0</p> <p>503.0740.0</p>
	<p>ATMOS® Chair M 2</p> <p>The classic one for optimal patient comfort: from the normal examination position up to Trendelenburg position, this chair is suitable for every position!</p> <p>Available colours:</p> <ul style="list-style-type: none"> <li>▪ Ocean</li> <li>▪ Sapphire</li> <li>▪ Basic</li> <li>▪ Turquoise</li> <li>▪ White</li> <li>▪ Black</li> </ul>	<p>537.0000.0</p> <p>535.2100.0</p> <p>535.2200.0</p> <p>535.2300.0</p> <p>535.2400.0</p> <p>535.2500.0</p> <p>535.2600.0</p>
	<p>ATMOS® Chair 51 D</p> <p>Suitable for the ATMOS® Chair M 2 this chair offers not only perfect seating comfort and smooth running castors, the rotatable back rest can also be used as an elbow rest when you need a steady hand.</p> <p>Available colours:</p> <ul style="list-style-type: none"> <li>▪ Ocean</li> <li>▪ Sapphire</li> <li>▪ Basic</li> <li>▪ Turquoise</li> <li>▪ White</li> <li>▪ Black</li> </ul>	<p>503.0461.0</p> <p>503.0462.0</p> <p>503.0464.0</p> <p>503.0463.0</p> <p>503.0465.0</p> <p>503.0466.0</p>



Also for you we have a set  
which meets your  
requirements!

Please do not hesitate to  
contact us, we are happy to  
advise you.



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