ATMOS LC 27

Homecare suction device for any situation

Exactly what I need

LC 27

The economical homecare suction device. With a built-in guarantee of success.

Its technical sophistication makes the new homecare suction device ATMOS LC 27 a worthwhile investment for all service providers in the care sector. The ATMOS LC 27 allows purchasing organisations, medical supply stores, pharmacies and nursing homes to meet their patients' needs perfectly and also promises excellent economical efficiency.

No user errors

INNOVATIVE OPERATING CONCEPT
- All controls required for operation are coloured blue: vacuum regulator, vacuum gauge, hose connector, ON/OFF button, release button and bacterial and viral filter cartridge
- All controls are intuitive and easy to use

Reuse is quick and easy

SIMPLE CHANGE TO ANOTHER PATIENT
- Only the single-patient secretion canister system, bacterial and viral filter cartridge and suction hose must be replaced
- No time-consuming reprocessing of the suction device is necessary

Safe suction process

INTELLIGENT CONNECTING SYSTEMS
- The ATMOS canister connecting system prevents the suction hose from being connected directly to the suction device
- The ATMOS hose connector system is absolutely simple to connect

Versatile use

EXTENSIVE RANGE OF ACCESSORIES
- Available in a mains-operated or battery-operated version (battery operating time around 60 minutes)
- Lots of accessories: carrying bag, mains power unit, car connecting cable, bacterial and viral filter cartridge, suction hose and more

27 l/min Suction capacity
-80 kPa Vacuum capacity
60 min Battery operating time
DDS Direct Docking System
Serres® Canister system
Medi-Vac® Canister system
1.8 kg Total weight (mains-operated version)
3.5 kg Total weight (battery-operated version)
65 dB Noise emission

Designed, developed and **made in Germany**

ATMOS LC 27 OVERVIEW

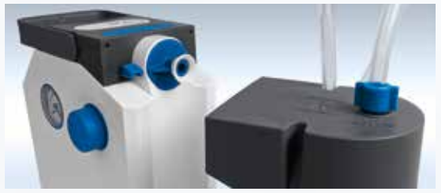
One homecare suction device. Many benefits.

ATMOS bronchial suction devices stand for maintenance-free quality and maximum reliability. Designed and manufactured in Germany, for decades they have been providing the ability to perform, professionally and with economic viability, vitally important bronchial suction for patients who have undergone laryngectomies and tracheotomies as well as for patients who have problems swallowing or who have cystic fibrosis.

The new ATMOS LC 27 homecare suction device is the next in line to carry forth this tradition. Designed specifically to meet homecare requirements, it has proved to be a popular favourite among patients, their relatives and caregivers just as much as among service providers in the medical industry.

INTELLIGENT CONNECTING SYSTEMS
The innovative ATMOS connecting systems for the suction hose and single-patient secretion canister render incorrect connections impossible and eliminate the need for costly repairs for service providers and users.

CONTROLS IN BLUE
All controls required for operation are coloured blue: this aids users in the suction process.



SELF-EXPLANATORY FUNCTIONS
The ATMOS LC 27 homecare suction device's operating concept has been redesigned and made substantially simpler. This cuts instruction time for users to an absolute minimum.

REUSE IS QUICK AND EASY
Reprocessing the suction device before changing it to another patient is quick and easy, saving time and money.

Also available as a battery-operated device for mobile use

ATMOS LC 27 OPERATING CONCEPT

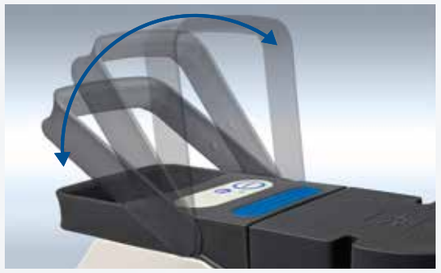
Its handling? Self-explanatory.

When removing secretions, blood or mucus from the respiratory tract, users need to devote their full attention to performing suction correctly without being distracted by the device's controls. The new ATMOS LC 27 homecare suction device's operating concept has been completely redesigned with this in mind.

SIMPLE AND INTUITIVE CONTROLS
Reduced to the essentials, you can operate it without even looking at it: you couldn't describe the new ATMOS LC 27's control panel any more precisely. The large ON/OFF button makes operation palpably easier. The integrated LED lamp additionally indicates when the suction device is running.

INFINITELY VARIABLE VACUUM ADJUSTMENT
The easy-to-use vacuum regulator on the new ATMOS LC 27 allows you to set up a patient-specific vacuum. You can access the full range of vacuum capacity using the 180° setting dial, with the easily legible vacuum gauge showing precise readings.

ERGONOMIC CARRY HANDLE
To make it easy to transport, the new ATMOS LC 27 homecare suction device features an ergonomic carry handle. Once you've put down the device, just fold the handle back into its starting position to keep it out of the way during the suction process.



No user errors

RELEASE BUTTON
Easy removal of the secretion canister from the suction device

CONTROL PANEL
Intuitive operation without looking

CARRY HANDLE
Ergonomic carry handle

VACUUM REGULATOR
Patient-specific vacuum adjustment

ATMOS LC 27 REUSE

Change to another patient? Easy.

Time is money: this catchphrase applies especially well to the reuse of a suction device. The simple design of the new ATMOS LC 27 and the easy attachment of a new secretion canister ensure that preparing the device for another patient takes less time and effort, which in turn cuts costs noticeably.

BACTERIAL AND VIRAL FILTER CARTRIDGE
Quick and easy to change

SECRETION CANISTER LID
Easy connection of the secretion canister to the suction device

SUCTION DEVICE
Completely maintenance-free and easy to clean

SINGLE-PATIENT SECRETION CANISTER
Easy to change and usable over the long term

Reuse is quick and easy

GET READY FASTER

The new ATMOS LC 27 comes with a number of features to reduce reprocessing time considerably:

The easy-to-use release button allows for quick removal of a used single-patient secretion canister from the suction device.

The design of the suction device itself makes it completely impossible for dirt, bacteria or viruses to get into the device, so that you only have to clean or disinfect it on the outside. All you need to change is the secretion canister system, bacterial and viral filter cartridge and suction hose.

SINGLE-PATIENT SECRETION CANISTER IS DISHWASHER PROOF

Another new highlight of the new ATMOS LC 27 is its ergonomic, easy-to-clean secretion canister.

Made of dishwasher-proof plastic, it can be removed effortlessly from the suction device after suctioning and cleaned by hand using commercial cleaning agents – or just put it into a dishwasher.

ATMOS LC 27 CONNECTING SYSTEMS

Wrong connections? Impossible.

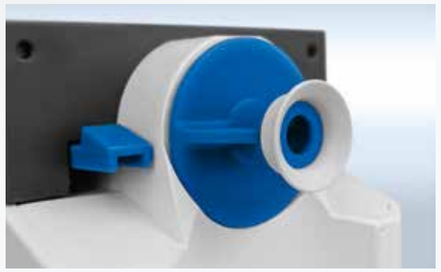
During bronchial suction, it happens time and again that relatives or care staff who have not received proper instructions accidentally connect the suction hose straight to the suction device instead of to the secretion canister. The result: secretion enters into the device, damaging it and necessitating costly repairs. The new ATMOS LC 27 homecare suction device rules this out effectively: it uses not one, but two innovative connecting systems.

SECRETION CANISTER CONNECTING SYSTEM
The innovative Direct Docking System (DDS) eliminates the need for a hose connection between the suction device and secretion canister. Instead, the ATMOS secretion canister, together with its lid, connects directly to the suction device.

SUCTION HOSE CONNECTING SYSTEM
The connecting system designed by ATMOS enables users to connect the hose firmly to the secretion canister with a simple twisting motion and to disconnect it just as easily after the suction process is completed.

Patent pending

BACTERIAL AND VIRAL FILTER CARTRIDGE
The bacterial and viral filter is an additional barrier that prevents fluids, secretions or dirt from entering the device. In the ATMOS LC 27, it comes preinstalled in the cartridge, making it easy to attach and replace – for maximum protection against infection and contamination.



Safe suction process

BACTERIAL AND VIRAL FILTER CARTRIDGE
No bacteria, viruses or fluids can enter the device

DIRECT DOCKING SYSTEM
The secretion canister connects directly to the suction device

CONNECTING THE HOSE
Connecting the hose to the secretion canister is simple

ATMOS LC 27 ACCESSORIES

Accessories? Extensive range.

Besides the top-quality materials and perfect workmanship, it's definitely the extensive range of accessories that make the ATMOS LC 27 so versatile and safe. The suction device comes with a single-patient secretion canister, a suction hose and a bacterial filter cartridge.

info

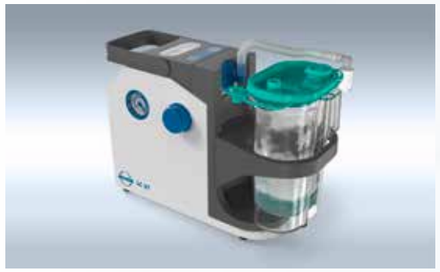
Information leaflet for users
ATMOS has compiled a user leaflet with key information on the new homecare suction device specially for patients, relatives and caregivers.

Download the leaflet for free from the ATMOS website. You'll also find a video for users providing a demo of the ATMOS LC 27's special features and operating principles.

Scan the QR code to go straight to the ATMOS LC 27 website.

ATMOS CARRYING BAG
The handy carrying bag lets you transport the ATMOS LC 27 and the consumables you need safely and conveniently.

BACTERIAL AND VIRAL FILTER CARTRIDGE
Under normal conditions of use, the bacterial and viral filter cartridge offers effective protection for 2 months.



DISPOSABLE SYSTEMS
The disposable systems from Serres® or Medi-Vac® can be easily mounted to the ATMOS LC 27.

ATMOS LC 27

Homecare suction device? ATMOS LC 27.

Premium quality, absolute reliability, user-oriented operating concept, a plethora of product features to ease the workload and an extensive range of accessories make the new ATMOS LC 27 homecare suction device indispensable wherever a professional, safe and economical solution for bronchial suction is required.

THE IDEAL BRONCHIAL SUCTION DEVICE FOR HOMECARE

CONTROL PANEL
For ease of operation without looking

RELEASE BUTTON
To easily remove the secretion canister

HOSE CONNECTION
To effortlessly connect the suction hose

DIRECT DOCKING SYSTEM
To easily connect and remove the secretion canister

CARRY HANDLE
For easy transport of the suction device

BACTERIAL AND VIRAL FILTER CARTRIDGE
For effective protection against bacteria, viruses and secretion

BATTERY
For use on the go (battery operating time around 60 minutes)

VACUUM REGULATOR
To easily set up the required vacuum

SINGLE-PATIENT SECRETION CANISTER
To easily get the device ready when changing patients

ATMOS LC 27 – TECHNICAL DATA

	ATMOS LC 27	ATMOS LC 27 Battery
Device variant	Mains operation	Battery operation
Suction capacity	27 l/min ± 3 l/min	27 l/min ± 3 l/min
Max. vacuum	–80 kPa ± –5 kPa	–80 kPa ± –5 kPa
Vacuum setting	Infinitely variable vacuum adjustment	Infinitely variable vacuum adjustment
Operating time	Interval operation max. 30 minutes ON / min. 30 minutes OFF	Interval operation max. 30 minutes ON / min. 30 minutes OFF
Dimensions W x H x D	286 x 243 x 118 mm	286 x 243 x 118 mm
Weight	1.8 kg	3.5 kg
Noise level	< 65 dB (A) @1m	< 65 dB (A) @1m
Battery	–	Lead-acid battery
Battery operating time	–	approx 60 minutes
Battery charging time	–	50% in 3 h max. in 12 h
Backup mode	–	If battery is exhaustively discharged, device can be operated on mains power
Voltage	100–240 V~ ± 10% ; 50/60 Hz	100–240 V~ ± 10% ; 50/60 Hz
Type of protection	IP21	IP21
Secretion canister system	Single-patient secretion canister (800 ml)	Single-patient secretion canister (800 ml)
Product versions		
DDS	**321.1000.0**	**321.2000.0**
DDS Universal	**321.1300.0**	**321.2300.0**
Serres®	**321.1100.0**	**321.2100.0**
Medi-Vac®	**321.1200.0**	**321.2200.0**

ATMOS LC 27 – ACCESSORIES & CONSUMABLES

	Carrying bag	Car connecting cable	Mains power unit	Hose adapter
Article number	**321.0350.0**	**313.0436.0**	**011.1363.0**	**321.0040.0**

	Single-patient secretion canister	Bacterial and viral filter cartridge	Suction hose with fingertip	Consumables set
Article number	**321.0300.0**	**321.0027.0**	**321.0100.0**	**321.0340.0**

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