



Efficient, innovative and safe!

# ATMOS Medical Suction Systems







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# Surgical Suction

Long operations that produce large volumes of fluids require a system that performs suction as quickly and quietly as possible. A perfect surgical suction device must also be robust and durable, especially under extreme conditions.

High suction capacity for a clear surgical field

Low noise level

Maximum reliability in all situations



Modular overflow protection and two equipment rails for fixation of up to four secretion canisters.

Optionally with two DDS canisters and integrated change-over lever or with disposable suction systems.

Microprocessor controlled with automatic vacuum control, standby automatic, filling level control with automatic switching off, suction adherence detection and automatic intermittent mode.

#### **MEDAP TWISTA SP 1070**



## **ATMOS Record 55**



## ATMOS S 351 OT



Surgical Suction

Vacuum Extraction

Bronchial Suction

Disposable Suction System

Cardiothoracic Drainage

Smoke Evacuation

Suction

Oxygen Supply





# Surgical Suction

A universal suction device depends on a high degree of flexibility. In addition to the varied requirements in the operating theater a universal suction device is also suitable for use on peripheral wards and in private practices. Everything is possible: placement on a trolley, the platform of a ceiling supply unit, a shelf or on aquipment rail.

Mobile and versatile

Usable anywhere

Fast and easy disinfection

Two sided interfaces for equipment mount, for secretion canisters or modular overflow protection as well as additional bacterial filter at the pump outlet.

Simple and easy conversion of a mobile system to a tabletop device. Operation is possible via foot controller or foot switch.

Simple adaptation of a secretion canister on the device without additional tubing.

## **MEDAP BORA UP 2080**



ATMOS C 451



**ATMOS C 361** 



















SILENT





# Vacuum Extraction

Obstructed labour, maternal exhaustion or a risk to the health of the child require a vacuum-assisted birth with extraction cup. Simple and safe handling is an absolute must.

Maximum safety for mother and child

Easy handling for less margins of error in usage

**Quick operational readiness** 



Microprocessor controlled vacuum creation with freely preselectable parameters and controlled vacuum extraction for gentle

ventilation of the suction cup.

With variable vacuum regulation, foot controller and trolley.

## ATMOS S 351 NATAL



## ATMOS C 451 VE



Surgical Suction











Outgon Cunn







# Bronchial Suction



visual inspection of possible

suction capacity for quick

#### **MEDAP VENTA SP 26**



#### **ATMOS C 161**



## ATMOS E 341 Battery



























# Disposable Suction System

Medical suction has been the core competency of ATMOS for over 100 years. Whether in hospitals, for rescue services or in the homecare sector, whether electrical suction or suction via a central gas supply: ATMOS always offers a powerful and economical solution. The new ATMOS Disposable Suction System can be combined ideally with all suction devices.

Safe and easy handling

**Maximum flexibility** 

**Greater efficiency** 



Suction bag

**External canisters** 



The suction bags are made of soft but extremely durable, highly transparent polyethylene. This allows the bag to be inserted easily into the external canister and offers reliable protection against bursting.

The external canisters are made of highly transparent polycarbonate. The external canisters can be autoclaved at 121 °C.

The suction bags are available with or without gelling agent. If desired, the gelling agent can also be poured in after suctioning through the spout on the bag lid.

## Gelling agent

















# Cardiothoracic Dr ainage

In thoracic and cardiac surgery as well as in general, intensive and emergency medicine, cardiothoracic drainage systems are intended for the treatment of pneumothorax and pleural effusions amongst others, as well as for use when surgically opening the thorax.

Digital systems offer significant advantages: easy and safe handling, early mobilization of the patient, automatic warning messages and easy readout of therapy data.

Increased safety for patients and personnel

Time saving for nurses

Mobile and flexible





Particularly powerful pump 2,000 ml secretion canister volume and optional water lock for use in the presence of strong coagulation and large amounts of liquid as well as with large air leaks.

Compact, battery-operated device with a 800 ml secretion canister, a double lumen hose system and a carrying strap.

## ATMOS C 051 Thorax





























# Smoke Evacuation

During cutting and coagulation when using ultrasonic, HF, RF or laser devices, surgical smoke and aerosols are produced because of thermal processes. Toxicological studies have demonstrated the release of a variety of harmful substances (such as viruses, bacteria, mycobacteria).

Modern smoke evacuation devices remove the resulting particles and unpleasant odors and provide a clear view of the surgical field.

High suction capacity for quick evacuation of surgical smoke

Very quiet

Safe removal of particles and odors





## **Accessories and consumables**

Accessories and consumables for a variety of indications.



























# Suction with CGS

Tapping device for central gas supply systems (CGS) are available for vacuum and compressed air and in different versions for surgical suction, as well as for bronchial suction. The protection of the CGS against oversuction and contamination is particularly important. Tapping devices for compressed air also depend on an effective noise reduction while maintaining high suction capacity.

Powerful, reliable and durable

Best hygiene due to large rounded surfaces

Indication-specific versions



Attractive housing with swivel vacuum gauge in four different versions for surgical suction, bronchial suction, drainage and cardiothoracic drainage.

reddot design award

Particularly effective noise reduction with high suction capacity.

MR-conditional, with extremely high suction capacity, large vacuum gauge and indication label.



**MEDAP FINA VAC** 



**MEDAP FINA AIR** 



**MEDAP S VAC** 

Suction





# Oxygen Supply

Supplying oxygen depends on precise administration. Special versions for paediatrics and neonatology ensure the required precision even for the smallest amounts. The click-stop disc flowmeters allow a very large number of settings.

Precise adjustability

**Excellent reading precision** 

Tailored treatment for all patients

Attractive housing with adjustable precisely regulation knob.



**MEDAP FINA FLOW** 

MR-conditional with particularly easy to read scale.



MR-conditional with 13 settings in normal, padiatric and neonatology versions.

**MEDAP LS FLOW** 

















# Mobile Oxygen Su pply

If oxygen is needed on a ward without an appropriate gas extraction point or a patient requires ventilation during intra-hospital transport, the gas is supplied via gas cylinders. The pressure reducer used must have a high nominal flow and high-pressure stability when decreasing cylinder pressure.

High nominal flow

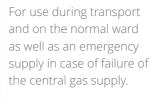
Highest pressure stability eliminates readjustments

Up to 300 bar inlet pressure for additional safety

Pressure reducer with and without integrated flowmeter, with short and long fittings and with or without additional output.



Portable compact unit for placement and suspension from an equipment rail or by the bedside for manual short-term ventilation and for short-term suction.







Oxyrator



Mobile Oxygen Supply











# Quality Work Made in the Black Forest











## Made in Germany

ATMOS suction devices are a wealth of technical know-how.
A task best fitting the perfectionists from the Black Forest.

At ATMOS, we leave nothing to chance. Everything in an ATMOS product is "Made in Germany" - from product design through to development, all the way to manufacturing. Every employee has a wealth of experience in the manufacturing of medical devices, enthusiasm for the product and a distinctive quality awareness.

ATMOS has modern production machinery, specialized assembly space and high-precision measuring devices. Before an ATMOS product leaves the plant, all functions are thoroughly checked before final approval for delivery can be administered.

## ATMOS quality is built on responsibility

The proverbial ATMOS quality is geared to the high demands of our customers. To produce quality, employees must consider quality as a part of their duties and are responsible for their own work, which is always based on the guidelines according to DIN EN ISO 13485. The ATMOS quality management system covers every step from development to service.











2021

Co. KG

tourmiquets from

ulrich GmbH &

2021

2020

2016

2015

# Innovations

Für ein besseres Leben - Intuitiv & Sicher

The more than 300 ATMOS employees are devoted to one goal: extending life and sustainably improving the quality of people's lives. This is our motivation for furthering development and innovation: opening up new channels and possibilities for users of modern medical technology through safe and simple-to-use products.

Through close cooperation with doctors and clinics, we consistantly develop highquality practical solutions.

#### Simple, straightforward, unobtrusive, intuitive, durable, resistant ....

Doctors have a long list of requirements when it comes to their working tools.

ATMOS listens to its customers. In 1927 the first medical aspirators from ATMOS entered the market. We have constantly worked to improve and develop them since then.

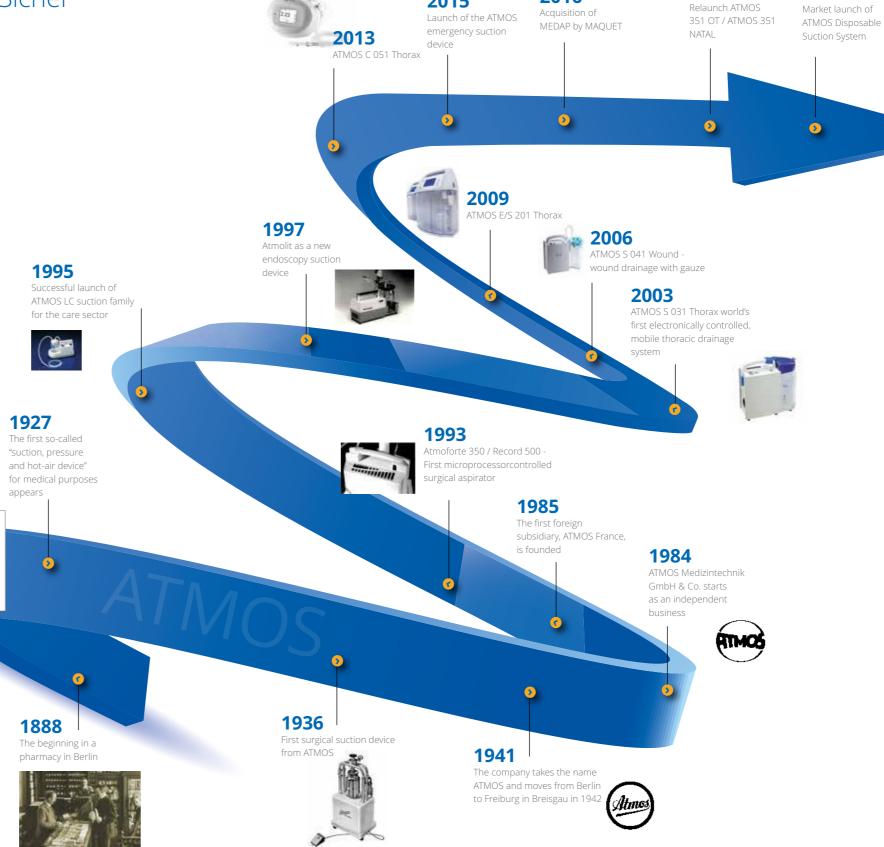
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#### ATMOS as a reliable OEM partner

The aim of the OEM partnerships is the development and production of world-class medical devices for corporations or medium sized companies.

ATMOS produces for companies such as ERBE and DÜRR DENTAL.

Apparat m. regulierbarem Sauerstoff









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