

ATMOS S 201 Thorax

Digital cardiothoracic drainage for ERAS®-compliant thoracic surgery

Exactly what I need



ATMOS S 201 Thorax — digital cardiothoracic drainage

The all-rounder for every patient indication.

The versatile and powerful ATMOS S 201 Thorax has everything doctors and nursing staff desire from a digital drainage system for cardiac and thoracic surgery: it is ready for use quickly, enables needs-oriented suction adjustment, ensures reliable drainage processes, and also provides an objective trend display of the therapy on the main display.

Versatile use
via augmented
weaning
mode

suction



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To learn more about the ATMOS S 201 Thorax, scan the QR code or visit our website at:
www.atmosmed.com

SAFE DECISIONS

through objective therapy data in real time. To make clinical decisions, doctors and medical staff need objective therapy data. The ATMOS S 201 Thorax provides them with this information at a glance.

Target vacuum, actual vacuum, air leak: therapy-relevant information is clearly shown on the main display — including a trend display over the last 24 hours or the last 12 days. Doctors can thus assess the clinical situation more quickly during their daily rounds and immediately initiate the next therapeutic steps. This enables quick diagnoses and precise instructions, and it has been proven to ensure greater efficiency and safety in the treatment of thoracic patients.



GREATER PATIENT SAFETY

thanks to reliable and needs-oriented drainage.

Whether used in cardiac surgery patients or in patients with emphysema, reliable and needs-oriented drainage is essential for the healing process. The ATMOS S 201 Thorax impresses with its particularly fast, controlled build-up of suction desired by the medical staff. Coagulation is effectively prevented by the automatically activated drainage cleaning system.

The ATMOS S 201 Thorax impresses with its integrated "automatic weaning mode" — without any additional effort for nursing staff. During therapy, the device monitors the target vacuum set by the user and, thanks to its innovative control system, adapts the activity of the pump to the patient's needs.

LESS EFFORT FOR NURSING STAFF
through automatically activated drainage cleaning.

Nursing staff also benefit: the ATMOS S 201 Thorax can be set up in just a few seconds, is intuitive to use, and has visual and acoustic warning functions for critical situations, thus eliminating the need for time-consuming control rounds. Vacuum build-up is 6.5 times faster than with comparable products, resulting in greater postoperative safety. Patient-side vacuum adjustment and automatic hose rinsing prevent possible siphon effects. Blocked drainage hoses can be detected even nine times faster thanks to real-time monitoring of pleural pressure and air leaks.

The mounting solution of the ATMOS S 201 Thorax enables secure placement on beds, standard rails, infusion stands, or walking aids. All this not only saves time, but also ensures greater satisfaction among staff and patients.



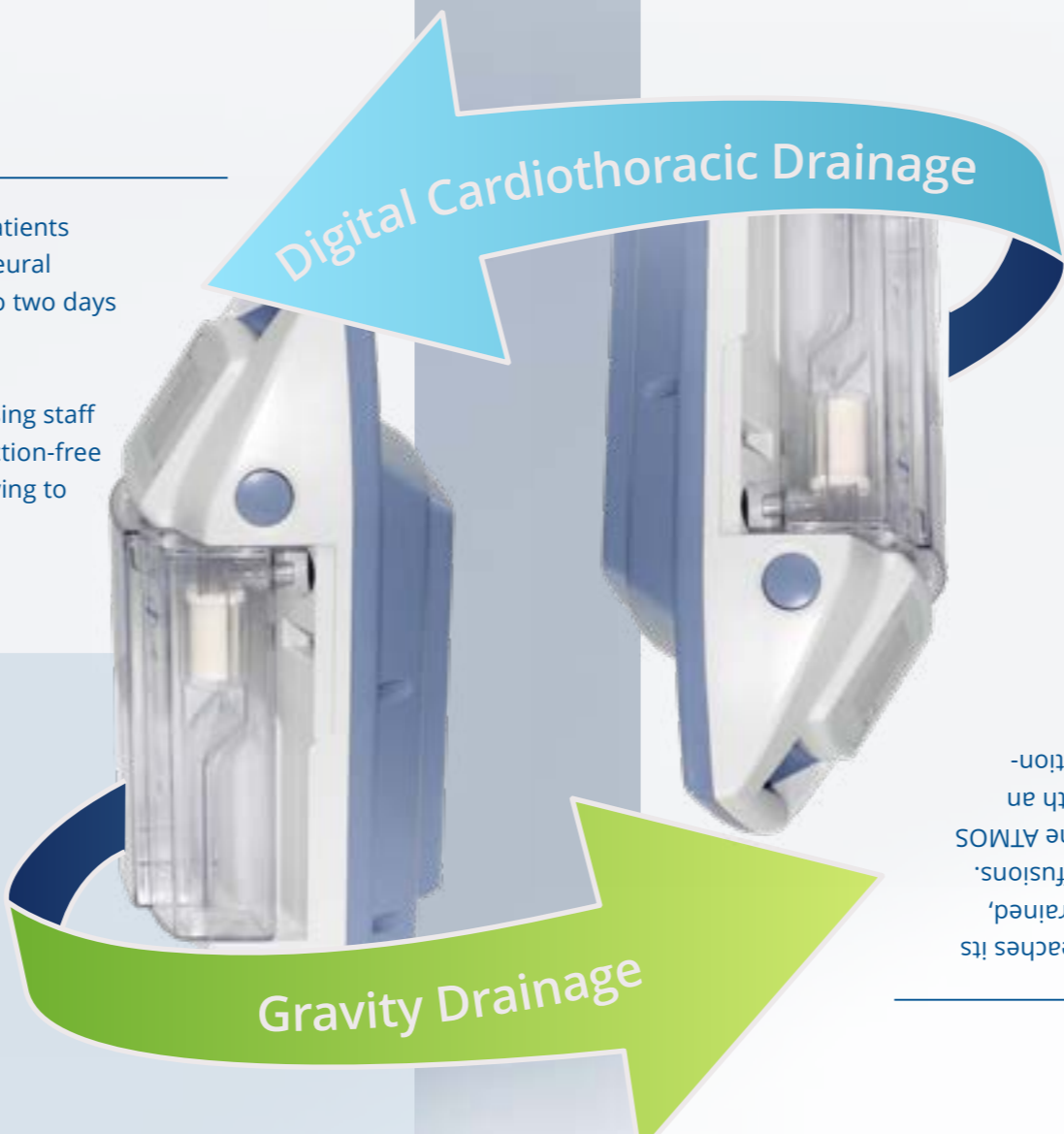
Device switched on = active drainage ("suction")
 Device switched off = gravity drainage ("no suction")

ATMOS S 201 Thorax with hybrid option

Ideal for ERAS®-compliant thoracic surgery. And more.

The ERAS® Society guidelines have shown that the healing process in patients with, for example, bullous emphysema, a persistent fistula, massive pleural effusions, or an incompletely expanded lung can be shortened by up to two days if external continuous suction is avoided during drainage therapy.

The ATMOS S 201 Thorax with hybrid option provides doctors and nursing staff with an efficient system that enables them to treat patients using a suction-free form of therapy in addition to suction-assisted drainage — without having to change the device.



2 in 1
 Change of therapy form without changing the device

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Find out more about the advantages of the ATMOS S 201 Thorax by reading this brochure from the other side.

Based on clinical evidence, the ERAS® Society in its current guidelines recommends forcing the so-called "rest effect" in the treatment of thoracic patients. In line with the motto "Less is more", the use of continuous suction should be avoided and the patient's treatment should be supplemented with conventional forms such as gravity drainage. This is intended to promote the self-closure process in patients with a pulmonary fistula, for example, and significantly accelerate the overall healing process. However, since most manufacturers of drainage systems offer either digital or conventional solutions, changing the form of therapy often means changing the device. But not with the ATMOS S 201 Thorax with hybrid option: This 2-in-1 universal device enables nursing staff to drain with the help of suction and, if necessary, to use the gravity drainage option — in just seconds, without having to change devices by simply switching off the ATMOS S 201 Thorax.

2-in-1 system for differentiated drainage therapy

Gravity drainage impresses with its simplicity and effectiveness, but reaches its limits when large quantities of secretion and other fluids have to be drained, as is the case in patients with a persistent fistula or massive pleural effusions. Situations such as these require a suction-assisted form of therapy. The ATMOS S 201 Thorax with hybrid option provides doctors and nursing staff with an efficient system that enables them to apply suction-free as well as suction-assisted forms of therapy — with a single device.

Made for gravity drainage. And more.

ATMOS S 201 Thorax with hybrid option

2 in 1
 universal device for differentiated drainage therapy

ADVANTAGES

- Free choice of therapy form without restrictions
- Simple handling with just one click
- Flexible applications in cardiac and thoracic surgery via augmented weaning mode
- Ideal solution for adhering to the current ERAS® Society guidelines in thoracic surgery

	Article number
ATMOS S 201 Thorax	312.1000.0
Hybrid option (ATMOS S 201 Thorax)	312.1090.0

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Find out more about the advantages of using the ATMOS S 201 Thorax with hybrid option for conventional gravity drainage by reading this brochure from the other side. Find further information on our entire range of products in the area of cardiothoracic drainage on our website at: www.atmosmed.com

ATMOS S 201 Thorax with hybrid option — gravity drainage

Powerful solution with integrated water lock.

The ATMOS S 201 Thorax with hybrid option has two standard functions that make it the ideal solution for suction-free drainage in cardiac and thoracic surgery: a built-in water lock that only needs to be filled with 50 ml of sterile water as well as a 2000 ml secretion canister with four chambers.



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Gravity drainage without suction

GRAVITY DRAINAGE

thanks to the standard integrated water lock.

The ATMOS S 201 Thorax with hybrid option drains air, secretion, or blood from the chest cavity by means of either active drainage or gravity drainage. During suction-free drainage, the water lock in the secretion canister acts as a non-return valve with low resistance by draining air from the thorax via a riser immersed in sterile water. At the same time, however, air is prevented from flowing back into the patient's chest cavity during breathing. The water lock is filled up to the mark in just a few seconds.



RELIABLE DRAINAGE MONITORING through the conventional method of counting bubbles.

With the ATMOS S 201 Thorax with hybrid option, any air leaks become visible during suction-free drainage via bubbles in the water lock of the secretion canister. This is an easy way for doctors and nursing staff to monitor air leaks during cardiothoracic drainage. It allows them to quickly assess the drainage process and, if necessary, take appropriate measures to prevent complications.

BARRIER-FREE FLOW OF SECRETION thanks to extra-long hoses and straight connections.

During gravity drainage, any barriers between the patient's thorax and the drainage system must be eliminated so that air, blood, or secretion can flow freely from the pleural cavity into the drainage system. For this purpose, the ATMOS S 201 Thorax with hybrid option has a secretion hose that is 1.8 m long, straight connection fittings, and a 2000 ml secretion canister with four chambers providing sufficient capacity — even for large amounts of fluid.



ATMOS S 201 Thorax
with hybrid option

Complete system for suction-free gravity drainage

*Exactly
what
I need*

