



ATMOS Record 55 /  
ATMOS Twin Record 55

# The powerful surgical suction device for large amounts of fluid

*Exactly  
what  
I need*

# Record 55 & Twin Record 55

## Quiet, powerful, durable.

With its strong suction capacity and high maximum vacuum, the ATMOS Record 55 is predestined for a wide variety of applications in the operating room — whenever extremely quiet suction removal of large amounts of secretion, blood, and serous fluids is required over long periods of time. Wherever you need a quiet, robust, and powerful surgical suction device, the ATMOS Record 55 is the right choice.

The ATMOS Twin Record 55 is particularly space-saving, as it combines two surgical suction systems in one housing. The two separate pumps can be used individually or simultaneously, each with different target vacuum values.



**Maximum individuality**

**THANKS TO VERSATILE VERSIONS**

- available with standard rail or ATMOS Direct Docking System (DDS)
- customisable thanks to various accessories and numerous mounting options

**Immediately ready to use**

**THANKS TO INTUITIVE, FAST OPERATION**

- individually adjustable vacuum
- clearly visible vacuum gauge
- optimum working height

**Maximum safety**

**THANKS TO CONTINUOUS SUCTION**

- fast vacuum build-up
- high suction capacity
- clear view of the surgical site
- quick and easy cleaning

### Areas of application:



Visceral surgery



General surgery



Oral and maxillofacial surgery



Vascular surgery



Orthopaedic surgery



Cardiothoracic surgery



Aesthetic plastic surgery

## Standard rail

# Flexibility? Standard rail.

The ATMOS Record 55 and the ATMOS Twin Record 55 are available with the ATMOS Direct Docking System (DDS) or with standard rails. Thanks to various accessories and numerous mounting options, the devices can be easily adapted to different requirements and areas of application. The standard rail variants offer the greatest flexibility and freedom in the use of various accessories and consumables. For example, up to four secretion canisters holding 4 litres each can be attached. In addition, the standard rail variants have two short standard rails on the sides and one long standard rail below the vacuum connection. The short distance between the vacuum connection and the standard rail reduces the hose length required to connect the secretion and/or safety canisters to a minimum.



#### FOR ATTACHMENT TO A VACUUM CONNECTION

- Hydrophobic bacterial and viral filter, Ø 11 mm – REF 443.0738.0

#### FOR ATTACHMENT TO A SIDE RAIL

- Basket, dimensions 170 x 130 x 85 mm – REF HM57508012
- Bowl, diameter 20 cm – REF HM57524538
- Deposit tray, stainless steel – REF 443.0790.0
- Hose bracket, double – REF 320.0611.0
- Catheter tubular – REF HM57525150

#### FOR ATTACHMENT TO A FRONT RAIL + SIDE RAIL

- Overflow canister 250 ml (e.g. REF 444.0646.1)
- Secretion canister lid – REF 444.0650.0
  - Secretion canister 1.5 l (PC) – REF 444.0100.0
  - Secretion canister 3 l (PC) – REF 444.0099.0
- Socket nipple set – REF 444.0640.0
- Septic fluid jar 1 l PSU with equipment mount – REF HM57525431
- Septic fluid plastic jar 3 l PSU – REF HM57505297
- Septic fluid jar cap – REF HM57500390
  - Cap plug surgical 9/12 (plastic) – REF HM57520184
- Septic fluid glass jar 2.5 l – REF HM57505227
- Septic fluid glass jar 5 l – REF HM57505228
- Septic fluid jar 1 l PSU with equipment mount – REF HM57525431
- Septic fluid plastic jar 3 l PSU – REF HM57505297
- Rail clamp for equipment mount (e.g. REF HM57522540)
  - Application set overflow protection (e.g. REF HM57522546)
  - External canister and septic fluid jar with equipment mount (e.g. REF HM57525656)

#### FOR ATTACHMENT TO A FOOT SWITCH CONNECTION

- Foot switch – REF 443.0755.0
- Foot controller set for the ATMOS Record 55 – REF 443.0770.0

#### FOR ATTACHMENT TO THE REAR SIDE OF THE DEVICE

- Equipotential bonding cable – REF HM57503474



## ATMOS Direct Docking System (DDS)

# User-friendly? ATMOS DDS.

The ATMOS Direct Docking System (DDS) is a practical solution for secretion canister attachment. With a flick of the wrist, secretion canisters are not only attached to the device, but also connected to the vacuum source. The DDS thus requires only one hose connection (patient hose) and impresses with its user-friendliness. Two DDS secretion canisters can be attached to the ATMOS Record 55 DDS and three to the ATMOS Twin Record 55 DDS.

### CHANGEOVER LEVER

For convenient selection of the secretion canister.

### DDS SECRETION CANISTER

Plug and play: no separate hose system required between the device and secretion canister.

### FOR ATTACHMENT TO A SIDE RAIL

- Basket, dimensions 170 x 130 x 85 mm – REF HM57508012
- Bowl, diameter 20 cm – REF HM57524538
- Deposit tray, stainless steel – REF 443.0790.0
- Hose bracket, double – REF 320.0611.0
- Catheter tubular – REF HM57525150

### HOSE CONNECTION WITH INTAKE

Prevents foaming in the secretion canister and therefore ensures a longer filter life time.



## Maximum individuality

### DDS HOSE ADAPTER SET

- (Ø 6 mm + Ø 10 mm) – REF 340.0057.0

### DDS CANISTER HANDLE

- grey – REF 340.0055.0
- blue – REF 340.0326.0

### HYDROPHOBIC DDS BACTERIAL AND VIRAL FILTER

- REF 340.0054.0

### DDS-CANISTER LID WITH GASKETS

- REF 340.0053.0

### DDS SPLASH PROTECTION

- Silicone – REF 340.0056.0

### DDS SECRETION CANISTER

- Plastic
- 1.5 l – REF 340.0050.0
- 3 l – REF 340.0051.0
- 5 l – REF 340.0052.0



### DDS SECRETION CANISTER

The high-quality DDS secretion canister made of PSU can be autoclaved up to 134 °C and, with its multifunctional canister lid, combines several advantages in one system. The individual components can be disassembled and reassembled easily. The appropriate hose adapter can be used depending on the suction hose of your choice. Because the adapter is easy to pull out, the secretion canisters and hoses can be changed quickly. The same DDS canister lid can be used with all sizes of DDS secretion canisters. The shape of the lid, the option of attaching separate splash protection and the clever integration of the hydrophobic DDS bacterial and viral filter ensure that the filter lasts as long as possible. Among other

things, the increased filter life time can reduce interruptions in the suction process and costs. If it is still necessary to change the filter before the secretion canister is full, this can be done easily and safely. The filter can be changed simply by removing the handle, even while the secretion canister is attached to the device. It is not necessary to remove the lid from the secretion canister.

## ATMOS Record 55 &amp; ATMOS Twin Record 55 versions

# Its handling? Intuitive.

Thanks to their intuitive and fast operation, the extremely quiet surgical suction devices are not only easy to use in everyday surgery, but they also reduce user errors. The individually adjustable vacuum, the clearly visible vacuum gauge and the optimum working height for the user facilitate the use of these devices, even in stressful situations. Various product versions offer the user freedom of choice when deciding on the right product.

**ATMOS TWIN RECORD 55 STANDARD RAIL /  
ATMOS TWIN RECORD 55 DDS**

**PRODUCT VERSIONS**
**ATMOS TWIN RECORD 55 WITH STANDARD RAIL**

	Article number
ATMOS Twin Record 55 with standard rail, 230 V~	443.0960.0

**ATMOS TWIN RECORD 55 DDS**

	Article number
ATMOS Twin Record 55 DDS, 230 V~	443.0950.0

**info**

Because the ATMOS Twin Record 55 has two independent pumps, it has two vacuum connections for both the standard rail and the DDS versions. The arrows indicate which part of the control panel belongs to which connection.

Immediately  
ready  
to use

**ATMOS RECORD 55 STANDARD RAIL /  
ATMOS RECORD 55 DDS**

**PRODUCT VERSIONS**
**ATMOS Record 55 with standard rail**

	Article number
ATMOS Record 55 with standard rail - 230 V~	443.0700.0
ATMOS Record 55 with standard rail - 100 V~	443.0700.1
ATMOS Record 55 with standard rail - 115 V~	443.0700.2
ATMOS Record 55 with standard rail - 127 V~	443.0700.3

**ATMOS RECORD 55 DDS**

	Article number
ATMOS Record 55 DDS - 230 V~	444.0910.0
ATMOS Record 55 DDS - 100 V~	444.0910.1
ATMOS Record 55 DDS - 115 V~	444.0910.2
ATMOS Record 55 DDS - 127 V~	444.0910.3
ATMOS Record 55 DDS (2 x 3 l canister)	444.0930.0
ATMOS Record 55 DDS (2 x 5 l canister)	444.0940.0

For both the staff and the patient

# Reliable? ATMOS Surgical Suction Devices.

Fast vacuum build-up, high vacuum and high suction capacity guarantee a clear view of the surgical site at all times. With a flow of 55 l/min and a maximum vacuum of  $-98$  kPa, the ATMOS Record 55 and the ATMOS Twin Record 55 are among the most powerful surgical suction devices on the market. In addition, the ATMOS Twin Record 55 offers the option of suctioning liquids from the floor during surgery in order to minimise the risk of injury to staff.

Maximum  
safety

## TECHNICAL DATA



ATMOS  
RECORD 55



ATMOS  
TWIN RECORD 55

Article number	See pages 08/09 for article numbers	
Suction capacity per pump	55 l/min	
Max. vacuum	$-98$ kPa $-980$ mbar	$-98$ kPa per pump $-980$ mbar per pump
Noise level	39 dB(A)	43.3 dB(A)
Dimensions	940 x 500 x 390 mm (H x W x D)	910 x 540 x 440 mm (H x W x D)
Weight	24 kg (without secretion canister)	30 kg (without secretion canister)
Voltage	230 V, 50/60 Hz	
Other voltages	100 V, 60 Hz; 115 V, 60 Hz; 127 V, 50/60 Hz	
Mode of operation	Continuous operation	



## ATMOS configuration options

# Accessories?

## A wide variety.

A key advantage of the ATMOS Record 55 and the ATMOS Twin Record 55 is the wide range of configuration options thanks to the numerous accessories. This enables individual selection for the optimal use of both devices in the operating room.

## GENERAL

	Device controllers	Article number
	Foot switch	443.0755.0
	Foot controller for ATMOS Record 55	443.0770.0
	Tissue collectors	Article number
	Tissue collector 300 ml, disposable	340.0061.0
	Tissue collector 50 ml, disposable	401.0555.0
	Holders and trays	Article number
	Basket, dimensions 170 x 130 x 85 mm	HM57508012
	Bowl, diameter 20 cm	HM57524538
	Deposit tray, stainless steel	443.0790.0
	Catheter tubular	HM57525150
	Cover for catheter tubular	HM57525151
	Hose bracket, double	320.0611.0
	Hose bracket, for attaching to standard rail	444.0450.0
	Rail clamp for equipment mount, plastic	HM57522540
Rail clamp for equipment mount, metal	HM57522048	
	Cables	Article number
	Equipotential bonding cable	HM57503474

## GENERAL



Hoses	Article number
Suction hose, PVC, Ø 5.5 mm, L = 2.10 m, 50 pcs. (sterile item)	006.0059.0
Suction hose, silicone, Ø 10 mm, 1 m (minimum 5 m)	006.0026.0
Suction hose, silicone, Ø 10 mm, L = 1.30 m, 1 pc.	318.1012.0
Suction hose, silicone, Ø 10 mm, L = 2 m, 1 pc.	000.0243.0
Suction hose, silicone, Ø 6 mm, 1 m (minimum 5 m)	006.0009.0
Suction hose, silicone, Ø 6 mm, L = 1.30 m, 1 pc.	000.0013.0
Suction hose, silicone, Ø 6 mm, L = 2 m, 1 pc.	000.0361.0
Hose connector (from Ø 10 mm to Ø 6 mm)	000.0239.0

## DDS ACCESSORIES



Secretion canisters and lids	Article number
DDS-canister set 2 x 3 l	444.0901.0
DDS-canister set 2 x 5 l	444.0902.0
DDS canister set 1.5 l	340.0002.0
DDS canister set 3 l	340.0003.0
DDS-secretion canister, plastic, 1.5 l	340.0050.0
DDS-secretion canister, plastic, 3 l	340.0051.0
DDS-secretion canister, plastic, 5 l	340.0052.0
DDS-canister lid, complete set	340.0040.0
DDS-canister lid with gaskets	340.0053.0
DDS-canister handle, blue	340.0326.0
DDS-canister handle, grey	340.0055.0
DDS-hose adapter set (Ø 6 mm + Ø 10 mm)	340.0057.0
DDS-splash protection, silicone	340.0056.0
DDS adapter for tissue collector	340.0062.0



Filters	Article number
Hydrophobic DDS bacterial and viral filter, 10 pcs.	340.0054.0



Holders	Article number
DDS hose holder	340.0066.0

## EQUIPMENT FOR STANDARD RAILS



Application sets	Article number
AS Surgical Aspiration / 2 x 3 l	HM57522068
AS Surgical Aspiration / 2 x 3 l / ATMOS	HM57525801
AS Surgical Aspiration / 2 x 4 l / PC	HM57525665
AS Surgical Aspiration / 2 x 4 l / PSU	HM57525664
AS Surgical Aspiration / 2 x 5 l	HM57522067
Application set overflow protection surgical	HM57522546
Application set overflow protection universal	HM57524558



ATMOS Disposable Suction System	Article number
ATMOS-External Canister 1 l	401.0100.0
ATMOS-Suction Bag 1 l with Gelling Agent, 100 pcs.	401.0101.0
ATMOS-Suction Bag 1 l, 100 pcs.	401.0102.0
ATMOS-External Canister 2 l	401.0200.0
ATMOS-Suction Bag 2 l with Gelling Agent, 100 pcs.	401.0201.0
ATMOS-Suction Bag 2 l, 100 pcs.	401.0202.0
ATMOS-External Canister 3 l	401.0300.0
ATMOS-Suction Bag 3 l with Gelling Agent, 70 pcs.	401.0301.0
ATMOS-Suction Bag 3 l, 70 pcs.	401.0302.0
Gelling Agent for ATMOS-Suction Bags, 100 pcs.	401.0090.0

Other disposable suction systems available on the market can be used with the ATMOS Record 55 and the ATMOS Twin Record 55 (standard rail versions).



Secretion canisters and lids	Article number
Secretion canister lid	444.0650.0
Socket nipple set	444.0640.0
Septic fluid jar 1 l PSU with equipment mount	HM57525431
Septic fluid plastic jar 3 l PSU	HM57505297
Septic fluid jar cap 4 l PC	HM57525657
Septic fluid jar 4 l PC with equipment mount	HM57525658
Septic fluid jar cap 4 l PSU	HM57525655
Septic fluid jar 4 l PSU with equipment mount	HM57525656
Septic fluid jar cap (without standard rail attachment)	HM57525432
Septic fluid jar cap (with standard rail attachment)	HM57500390
Cap plug surgical 9/12 (plastic)	HM57520184
Septic fluid glass jar 2.5 l	HM57505227
Septic fluid glass jar 5 l	HM57505228



Filters and overflow protection	Article number
Hydrophobic bacterial and viral filter, Ø 11 mm	443.0738.0
Hydrophobic bacterial and viral filter, Ø 8 mm	444.0628.0
Mech. overflow protection BORA w equipment mount	HM57522391
Mech. overflow protection BORA w equipment mount (for use with HM57521783)	HM57522392
Hydr. bacterial and viral filter TWISTA and BORA (for use with HM57522392)	HM57521783
Smoke evacuation filter	HM57524928
Safety canister 250 ml (with bacterial filter) (for use with 340.0054.0)	444.0646.1
Safety canister 250 ml (without bacterial filter)	444.0646.0



Vacuum management	Article number
Vacuum shift	HM57522049

**ATMOS Online Shop**  
You can find further information and images regarding our products, the scope of delivery and all accessories in our online shop.  
[atmosmed.shop](https://atmosmed.shop)





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