



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

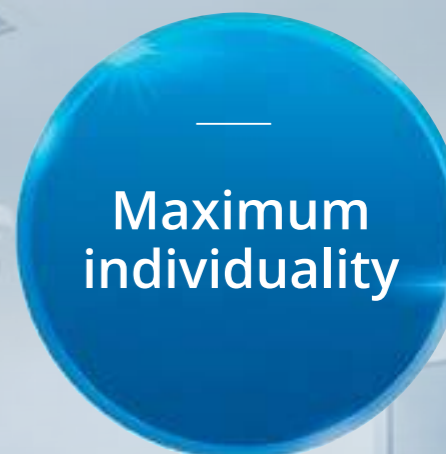


Aesthetic plastic surgery

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

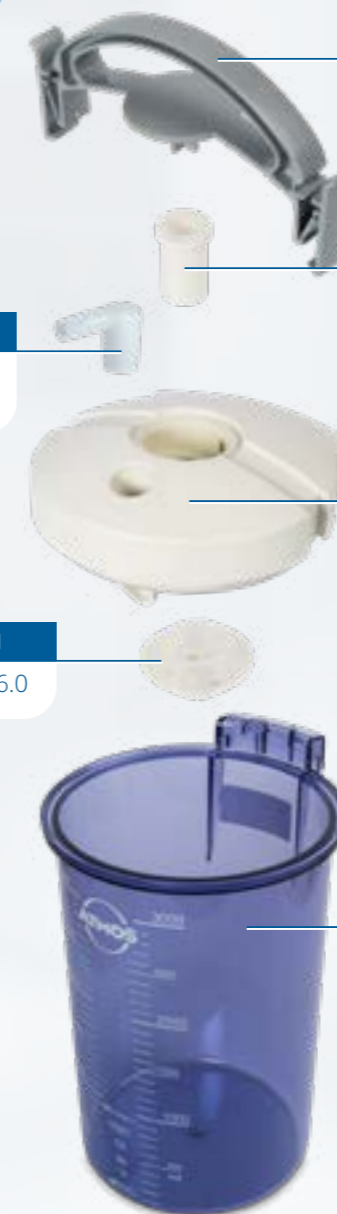
DDS SECRETION CANISTER

- 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 & 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





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