



ATMOS S 351
Top-class drainage/surgical
suction devices.
The “thinking“ suction system!

The allrounder - ATMOS S 351
the suction specialist for:

- Neurosurgery
- Cardiac Surgery
- Gastroenterology
- Urology
- General Surgery

ATMOS S 351



What are your basic requirements with regard to a suction system in the operating theatre?

Considerable demands are made with regard to the reliability of medical technology especially in critical operating situations. During your daily work you are exposed to a noise level, which should not be underestimated – you do not need a rise in noise level due to the suction device employed in this connection! To provide support ATMOS has a suction unit in the range that meets the following requirements:

- Absolutely stable vacuum due to processor controlled regulation automatism

- 100% precise vacuum setting due to sensor technology
- Tissue protection function: prevents damage to sensitive tissue caused by adherent cannulas. Whenever a pre-set maximum vacuum limit is reached, a valve opens and the suction system „lets go“.
- Automatic Standby Function: The system starts up automatically when secretion has to be extracted and stops when the secretion has been completely removed.
- In brief: small mobile, quiet, safe and secure!



① The processor-controlled automatic control system. Simple and rapid vacuum preselection at the touch of a button, no loss of air, unlike mechanical vacuum controllers



④ Specially designed safety jar ensures no damage is caused by oversucking

Safety jar without filter
REF 444.0646.0

Safety jar with filter
REF 444.0646.1

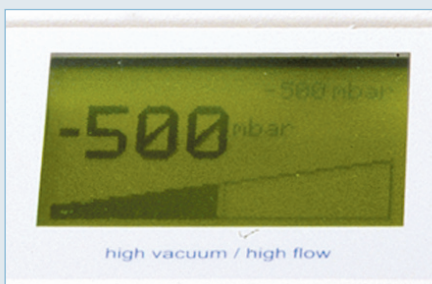


② Intermittent suction for drainage applications



⑤ Hydrophobic bacterial filter with filter replacement indicator

REF 443.0738.0



③ High-resolution display showing desired/actual vacuum choice of mbar, mmHg oder kpa



⑥ Double socket nipple for rapid jar replacement

REF 444.0012.0

ATMOS S 351 OT

Basic equipment

The „thinking“ suction system for OT and ward!



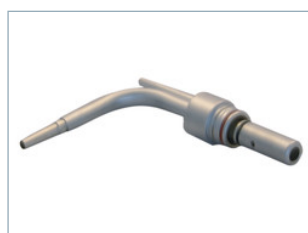
Advantages in OT:

- » Protects delicate tissue from suction adherence
- » Vacuum preselection at the touch of a button
- » Almost noiseless

ATMOS S 351	REF
ATMOS S 351 OT basic unit 1.5 l canister (PSU)	
<p>Microprocessor-controlled suction unit with graphic-LCD-display, automatic vacuum control, standby automatic, filling level control with automatic switching off, suction adherence detection and intermittence for protecting delicate tissue and for gastroscopic and wound drainage, safety canister 250 ml for condensed water, bacterial filter with hydrophobic attribute.</p> <p>Technical data: Vacuum 90 kPa/-675 mmHg, pump performance: 36 l/min ± 2 l/min, 230 V~ ± 10%, 50/60 Hz, Dimensions: (H x W x D): 300 x 330 x 200 mm Included in delivery: basic unit, mains cable, operating instructions, Safety canister 250 ml, Set with 1.5 l canister (PSU) incl. lid and double socket nipple, hydrophobic bacterial filter, hose holder, hose Ø 10 mm, L = 2 m, hose Ø 6 mm, L = 1.3 m</p>	444.0461.0
ATMOS S 351 OT set with 2 x 3 l canister (PSU)	
<p>Included in delivery: basic unit, mains cable, operating instructions, safety canister 250 ml, set with 2 x 3 l canister (PSU) incl. lid and double socket nipple, hydrophobic bacterial filter, hose holder, hose Ø 10 mm, L = 2 m, hose Ø 6 mm, L = 1.3 m</p>	444.0471.0
ATMOS S 351 Natal with trolley	
<p>Included in delivery: basic unit, mains cable, bacterial filter, 2 connection hoses, extraction hose, hose holder, collection canister 1.5 l including, lid, double hose connector, trolley, operating instructions</p>	444.0481.0
ATMOS S 351 - basic unit	
<p>Microprocessor-controlled suction unit with graphic-LCD-display, automatic vacuum control, standby automatic, filling level control with automatic switching off, suction adherence detection and intermittence for protecting delicate tissue and for gastroscopic and wound drainage, safety canister 250 ml for condensed water, bacterial filter with hydrophobic attribute.</p> <p>Technical data: Vacuum 90 kPa/-675 mmHg, pump performance: 36 l/min ± 2 l/min, 230 V~ ± 10%, 50/60 Hz, dimensions (H x W x D): 300 x 330 x 200 mm Included in delivery: basic unit, mains cable, operating instructions, safety canister 250 ml, hydrophobic bacterial filter, hose holder hose Ø 10 mm, L = 2 m, hose Ø 6 mm, L = 1.30 m</p>	444.0460.0



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Accessories for completing the ATMOS S 351	REF	
① Secretion canister lid incl. standard rail holder with overflow electrode and splash protection	444.0015.0	
② Double socket nipple consisting of double socket nipple and hose reduction	444.0012.0	
Graduated secretion canister 1.5 l Height 192 mm, external Ø 115 mm	444.0032.0	
Secretion canister 1.5 l PSU, sterilisable up to 136 °C	444.0036.0	
Grad. secretion canister 3 l Height 247 mm, external Ø 145 mm	444.0033.0	
Secretion canister 3 l PSU, sterilisable up to 136 °C	444.0037.0	
Grad. secretion canister 5 l Height 302 mm, external Ø 169 mm	444.0034.0	
Secretion canister 5 l PSU, sterilisable up to 136 °C	444.0038.0	
Receptal®-canister set 2 x 1.5 l consisting of: Receptal®-holder complete, 2 canisters for Receptal®-suction bags 1.5 l, 2 Receptal®-suction bag 1.5 l, one of them with integrated overflow valve filter, connection hose L = 12 cm Basic unit must be ordered separately!	444.0022.0	
Receptal® canister, 1.5 l	310.0221.0	*
③ Receptal®-canister set 2 x 2 l consisting of: Receptal®-holder complete, 2 canisters for Receptal®-suction bags 2 l, 2 Receptal®-suction bag 2 l, one of them with integrated overflow valve filter, connection hose L = 12 cm Basic unit must be ordered separately!	444.0023.0	
Receptal® canister 2 l	443.0256.0	
Receptal®-canister set 2 x 3 l consisting of: Receptal®-holder complete, 2 canisters for Receptal®-suction bags 3 l, 2 Receptal®-suction bag 3 l, one of them with integrated overflow valve filter, connection hose L = 12 cm Basic unit must be ordered separately!	444.0024.0	
Receptal® canister 3 l	444.0157.0	
④ Medi-Vac® external canister 1 l	312.0473.0	*
Standard rail support for disposable system Medi-Vac® 1 l, 1.5 l	444.0451.0	
Safety canister 250 ml, for condensed water	444.0646.0	
Safety canister 250 ml with integrated DDS-bacterial filter / overflow stop, incl. adapter for arthroscopy (Shaver, Lavagen), oral and maxillofacial surgery, liposuction etc.	444.0646.1	



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Accessories for completing ATMOS S 351	REF	
① Trolley on 4 castors, self-assembly Attention: Trolley and small suction units cannot be screwed up in standard version! If required, we will deliver a special design of the suction unit.	320.0070.0	
Trolley with antistatic castors	444.0020.0	
② Foot controller electrical, water-proof IPX 8, AP-protected	444.0452.0	
Consumables for ATMOS S 351		
③ Bacterial filter for DDS secretion canister, 10 pcs., not autoclavable, change: 1 x per patient, with same patient: ca. every 14 days	340.0054.0 up to 4 pack from 5 pack from 10 pack	
Suction hose, disposable, Ø 6 mm, L = 2.10 m, 50 pcs. Not autoclavable, change: 1 x per patient	006.0059.0	*
Suction hose, silicone, Ø 10 mm, L = 2 m, 1 pc Autoclavable at 134 °C, change: after 20 x autoclaving	000.0243.0	
Suction hose, silicone, Ø 6 mm, L = 1.30 m, 1 pc Single packed, autoclavable at 134 °C Change: after 20 x autoclaving	000.0013.0	
Receptal® suction bag 1.5 l, not autoclavable, 50 pcs.	310.0222.2	*
Receptal® disposable bag 2 l, without integrated overflow protection Not autoclavable, 50 pcs., change: 1 x per patient	443.0257.0	*
Receptal® suction bag 2 l, with integrated overflow protection Not autoclavable, 50 pcs., change: 1 x per patient	443.0257.2	*
Receptal® suction bag 3 l, without integrated overflow protection For tandem hose system, not autoclavable, 50 pcs., change: 1 x per patient.	444.0153.0	*
Receptal® suction bag 3 l, with integrated overflow protection Not autoclavable, 50 pcs., change: 1 x per patient.	444.0154.0	*
Medi-Vac® suction bag 1 l, not autoclavable, 50 pcs.	312.0474.0	*
Bacterial filter disposable, not autoclavable, change: 1 x per patient	443.0738.0	
Bacterial filter	444.0082.0	

Technical data	ATMOS S 351 basic unit
Noise level	43.9 dB (A) @ 1m (acc. to ISO 7779)
Voltages	230 V~ 50/60 Hz; special voltage: 115 V~ 50/60 Hz
Dimensions (H x W x D)	300 x 330 x 200 mm, without trolley; 840 x 490 x 520 mm, with trolley
Weight	10.2 kg, without secretion jar, without trolley; / with trolley: 24.7 kg
Classifications	protection category: IPX0; protection class: I; degree of protection: type B, class: IIb (acc. to appendix IX directive 93/42 EEC)

The stated technical data are valid at the moment of printing, and are subject to change!

ATMOS ... for a better life



Do you know ATMOS?

ATMOS develops and manufactures innovative medical technology in the business ranges ENT, Surgery, Care and Gynaecology. In the field of suction as well as in the ENT field we rank among the leading businesses worldwide.

Certainly you have already come into contact with an ATMOS product.

Some 100,000 ATMOS suction units and more than 10,000 ATMOS ENT workstations are in daily use in clinic and practice in more than 70 countries all over the world.

When may we welcome you as a customer?

Doctors and patients worldwide rely on ATMOS.

