

MEDAP 


MedizinTechnik

Simple and intuitive!

ATMOS Bronchial Suction



Made in Black Forest

by ATMOS

ATMOS Bronchial Suction

ATMOS Bronchial Suction Devices are used in hospitals, licensed medical practices, care homes and the home care sector. The mobile devices are used for suction of the oral cavity, the pharynx and the bronchial system. In order to clear the airways of viscous secretion and food residue, reliable and powerful suction devices are required.

Sturdy, compact, completely reliable and mobile: ATMOS Bronchial Suction Devices play an important role in providing patients with the best possible care, whatever the situation.

Areas of application

- Suction drainage of secretion from blocked air passages
- Suction removal of food particles
- Suction drainage of secretion
 - Following laryngectomy
 - Following tracheotomy
 - In case of illnesses involving increased saliva production
 - In case of bronchial damage following tumour irradiation
 - In case of difficulties in swallowing following a stroke
 - For coma patients
 - In case of cystic fibrosis
- Geriatric oral hygiene



Simple, intuitive operation

- Clear control panel layout for quick, safe use
- Perfect hose management both during and after suction
- Easy-to-attach secretion canister for safe use

Easy vacuum adjustment

- Large-scale vacuum gauge for easy target vacuum readings
- Pre-set vacuum values for faster use
- Unique, ring-shaped vacuum regulator around the vacuum gauge for precise vacuum adjustment

Maximum protection against oversuction

- Maximum protection against infection and contamination
- Can only be operated with hydrophobic bacterial filter
- Very hygienic – simple, cost-effective cleaning

Simple transport

- Lightweight
- Compact
- Improved portability thanks to large, perfectly positioned carry handle



MEDAP VENTA SP 26

The powerful VENTA SP 26 offers a high suction capacity for noticeably quiet suction drainage of blood, secretion, vomit and serous liquids from both natural and artificial openings in the body. This makes it perfect for nasal and oral bronchial suction, as well as endoscopy. Suitable for universal, stationary, continuous use, the portable bronchial suction devices are perfect for clinics, special practices, elderly and care homes, patients at home, and military sanitation services.

Both mains and battery-powered versions of the bronchial suction device are available. The elegant, compact design makes cleaning easier.



Saves time thanks to revolutionary vacuum adjustment

100% oversuction protection

Universal mounting

Vacuum adjustment

The vacuum is adjusted using a ring-shaped vacuum regulator fitted around the 63 mm vacuum gauge. This can be adjusted with one finger for high-precision settings. The target vacuum is shown on the grip.



Oversuction protection

Thanks to a special mechanism, the VENTA SP 26 can only be operated with a hydrophobic bacterial and viral filter attached to it. This prevents errors in use and high repair costs.



Flexible mounting


A special pump support makes it easy to mount the unit to many types of device rails and to horizontal and vertical round pipes.



VENTA SP 26 

C 161 / C 261 

E 341/C 341 Battery 

Areas of application 

Overview 

ATMOS C 161 / C 261

If someone is unable to cough up enough – or any – secretion due to their condition, it needs to be drained off using suction. In tracheotomy patients, the secretion collects in and around the tracheal cannula. Audible bubbling, visible secretion and breathing difficulty are all indications that suction is required. Bronchial suction devices are used in the home care sector and in care homes. Thanks to their simple, intuitive operation, they can be used by family members without any expert help.

Both mains and battery-powered versions of the bronchial suction devices are available. The compact design makes cleaning easier.



Quick and easy to use

Safe, reusable canister system

Simple oral care thanks to the suction toothbrush



Intuitive and simple operation makes the bronchial suction device easy to use. No complicated settings.

Easy operation



Direct Docking System (DDS)

The DDS secretion canister system eliminates the risk of uncertainty and mistakes – the secretion canister is connected to the bronchial suction device directly without any additional hoses.



Oral hygiene

The combination of a suction toothbrush and the suction device minimises the danger of swallowing during oral hygiene operations.



VENTA SP 26



C 161 / C 261



E 341/C 341 Battery



Areas of application



Overview



ATMOS E 341 / C 341 Battery

Emergencies can occur suddenly in any patient group – from new-born babies to the elderly, and from out-patients with minor conditions to people with severe injuries.

Just like the emergency aspirator, the defibrillator and the mobile monitoring system, the emergency suction device is a crucial component of the emergency life-saving equipment, and is a must for every station.

Its areas of use include every station at the hospital: accident and emergency, intensive care, the recovery room and the general ward. The suction devices can also be used for transport within the hospital.



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Simple, intuitive operation

Always ready for use

Easy to adapt to emergency trolleys



Fast, safe suction guaranteed thanks to the pre-set electronic vacuum values and high suction capacity. No complicated settings – no time loss.

A battery with more than 30 minutes of power is essential for portable use. Thanks to the quick-charging battery, the device can be used at any time.

One-handed release button for simple removal from the support. For mounting directly on a wall or a standard rail on an emergency trolley.

Easy operation



Always ready for use



Safe and portable



VENTA SP 26 

C 161 / C 261 

E 341 / C 341 Battery 

Areas of application 

Overview 

Areas of application

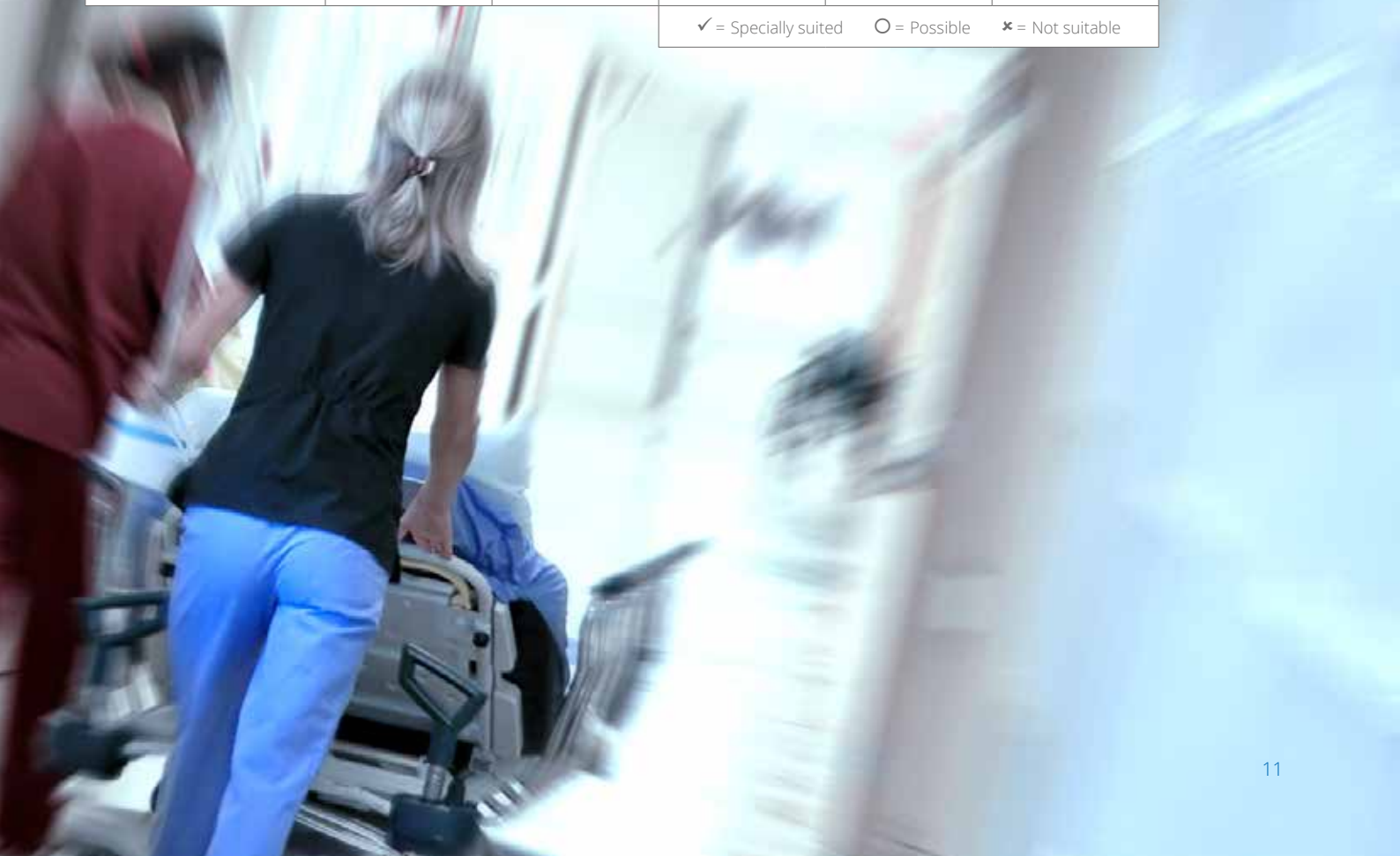
Mains-powered bronchial suction devices

	VENTA SP 26 N	ATMOS C 261 Aspirator	ATMOS A 261 Aspirator	ATMOS C 161 Aspirator	ATMOS A 161 Aspirator
Intensive care unit	✓	✓	○	✗	✗
Nursing ward	✓	✓	○	✓	○
In-hospital emergencies	✗	✗	✗	✗	✗
In-hospital patient transport	✗	✗	✗	✗	✗
Elderly/nursing home	✓	✓	✓	✓	✓
Out-patient surgery centre	✓	○	✗	✗	✗
Doctors' practices	✓	✓	✗	✗	✗
Dentist/ orthodontist practices	✓	✓	✗	✗	✗
ENT practices	✓	✓	✗	✗	✗
Home care sector	✗	✓	✓	✓	✓

Battery-powered bronchial suction devices

	VENTA SP 26 A	ATMOS C 161 Battery	ATMOS A 161 Battery	ATMOS E 341 Battery	ATMOS C 341 Battery
Intensive care unit	✓	✓	○	✓	✓
Nursing ward	✓	✓	○	✓	✓
In-hospital emergencies	✓	✓	○	✓	✓
In-hospital patient transport	✓	✓	○	✓	✓
Elderly/nursing home	✓	✓	✓	✓	✓
Out-patient surgery centre	✓	○	○	✓	✓
Doctors' practices	✓	✓	✓	✓	✓
Dentist/ orthodontist practices	✓	✓	✓	○	○
ENT practices	✓	✓	✓	○	○
Home care sector	✗	✓	✓	✓	✓

✓ = Specially suited ○ = Possible ✗ = Not suitable



Overview

Mains-powered bronchial suction devices

Basic device	VENTA SP 26 N	ATMOS C 261 Aspirator	ATMOS A 261 Aspirator	ATMOS C 161 Aspirator	ATMOS A 161 Aspirator
Max. suction capacity	26 ± 3 l/min	26 ± 2 l/min	26 ± 2 l/min	16 ± 2 l/min	16 ± 2 l/min
Max. vacuum at sea level	-80 kPa -800 mbar -600 mmHg	-80 kPa -800 mbar -600 mmHg	-80 kPa -800 mbar -600 mmHg	-80 kPa -800 mbar -600 mmHg	-80 kPa -800 mbar -600 mmHg
Vacuum adjustment	Infinitely variable	Infinitely variable	3 stages (-250 mbar, -550 mbar, -750 mbar)	Infinitely variable	3 stages (-250 mbar, -550 mbar, -750 mbar)
Operating mode	Continuous operation	Intermittent operation: 45 min on, 60 min off	Intermittent operation: 45 min on, 60 min off	Intermittent operation: 45 min on, 60 min off	Intermittent operation: 45 min on, 60 min off
Voltage	230 V~ 50 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz
Dimensions (H x W x D)	275 x 275 x 160 mm	250 x 255 x 180 mm	250 x 255 x 180 mm	250 x 255 x 180 mm	250 x 255 x 180 mm
Weight	3.7 kg	3.5 kg	3.5 kg	3.0 kg	3.0 kg
Noise level	50 dB(A)	50 dB(A)	53 dB(A)	50 dB(A)	53 dB(A)
Secretion canister	1 l, reusable Serres® 1 l Medi-Vac® 1 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l
Trolley	Optional	Optional	Optional	Optional	Optional
Device support	Optional	Optional	Optional	Optional	Optional
Auxiliary equipment number	-	01.24.01.1012	01.24.01.0020	01.24.01.0019	01.24.01.0021

Battery-powered bronchial suction devices

Basic device	VENTA SP 26 A	ATMOS C 161 Battery	ATMOS A 161 Battery	ATMOS E 341 Battery	ATMOS C 341 Battery
Max. suction capacity	26 ± 3 l/min	22 ± 2 l/min	22 ± 2 l/min	34 ± 4 l/min	26 ± 4 l/min
Max. vacuum at sea level	-80 kPa -800 mbar -600 mmHg	-76 kPa -760 mbar -570 mmHg	-75 kPa -750 mbar -563 mmHg	-80 kPa -800 mbar -600 mmHg	-80 kPa -800 mbar -600 mmHg
Vacuum adjustment	Infinitely variable	Infinitely variable	3 stages (-250 mbar, -550 mbar, -750 mbar)	4 stages (-100 mbar, -200 mbar, -500 mbar, -800 mbar)	Infinitely variable
Operating mode	Continuous operation	Intermittent operation: 10 min on, 30 min off	Intermittent operation: 10 min on, 30 min off	Intermittent operation: 60 min on, 120 min off	Intermittent operation: 45 min on, 90 min off
Voltage	100–240 V~, 50/60 Hz	100–240 V~, 50/60 Hz	100–240 V~, 50/60 Hz	100–240 V~, 50/60 Hz	100–240 V~, 50/60 Hz
Dimensions (H x W x D)	275 x 275 x 160 mm	250 x 255 x 180 mm	250 x 255 x 180 mm	277 x 370 x 146 mm	277 x 370 x 146 mm
Weight	4.0 kg	4.0 kg	4.0 kg	3.65 kg	4.6 kg
Noise level	50 dB(A)	56 dB(A)	56 dB(A)	<60 dB(A)	<60 dB(A)
Secretion canister	1 l, reusable Serres® 1 l Medi-Vac® 1 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l Receptal® 1.5 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l	1 l, reusable Serres® 1 l Medi-Vac® 1 l
Trolley	Optional	Optional	Optional	–	–
Device support	Optional	Optional	Optional	Optional	Optional
Auxiliary equipment number	–	01.24.02.0015	01.24.02.0012	01.24.02.1023	01.24.02.1022
Battery operation	Approx. 90 min	Approx. 60 min	Approx. 60 min	Approx. 60 min	Approx. 40 min
Charging time	Approx. 4 h: 90% Approx. 5 h: 100%	Approx. 2.5 h	Approx. 2.5 h	Approx. 2 h 40 min: 80% Approx. 4 h: 100%	Approx. 2 h 40 min: 80% Approx. 14 h: 100%
Battery service life	300 charging/ discharging cycles	Min 500 charging/ discharging cycles	Min 500 charging/ discharging cycles	Approx. 500 charging/ discharging cycles	Approx. 400 charging/ discharging cycles
Battery type	Lithium-ion	Lithium-ion	Lithium-ion	Lithium-ion	Lead



Vacuum extraction



Surgical suction



Wound drainage

ATMOS



Cardiothoracic drainage



Oxygen supply



Bronchial suction



Smoke evacuation



Mobile oxygen supply

Product Range



Suction with CGS

***For more information on
the entire "ATMOS Medical
Suction Systems" product
range, visit:***

www.atmos-medap.com



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