

## TAPPING UNITS FOR VACUUM MEDAP S VAC





## EXCELLENT COMBINATION OF BEST QUALITY AND ECONOMY S VAC B 900 AND S VAC D 200



**From the users point of view:** With their excellent performance characteristics including, among other things, an extremely high flow rate of 100 l/min or 90 l/min, as well as being CF- and MR- proof, the two specialists meet modern requirements for bronchial and

surgical aspiration and drainage aspiration. Thanks to a variety of connection forms, the MEDAP tapping units for vacuum S VAC B 900 and S VAC D 200 are a particularly flexible solution for international use in clinics and specialist practices.

## MODERN SPECIALISTS FOR CONTINUOUS USE S VAC B 900 AND S VAC D 200

**High-performance lightweights:** the high flow rate of 100 l/min for the S VAC B 900 and 90 l/min for the S VAC D 200 is a state-of-the-art achievement when it comes to vacuum tapping units, despite the fact that, depending on the version, they weigh no more than 360–560 g. This means that the two high-performance lightweights are ideal for continuous operation both in the OR and the ward.

**CF- and MR-proof:** whether bronchial and surgical aspiration (S VAC B 900) or drainage aspiration (S VAC D 200), thanks to the special technology used, both

tapping units meet the requirements for use in CF and MR environments. They can, for example, be used during open heart operations or when operating on the central nervous system, and also in conjunction with an electrical device (i.e. incubator, anaesthetic machine, cell saver). Both S VAC tapping units are also MR-conditional up to 4.7 Tesla.

**Particularly economical:** neither of the two S VAC tapping units requires special maintenance which ensures reduced operating costs. A functional safety check is simply recommended every five years.

S VAC B 900: tapping unit for vacuum

Extremely lightweight thanks to impact proof ABS plastic housing

Large coloured indication label for clear indication assignment, in particular, when multiple tapping units are used at the same time

Clearly visible, lateral ON/OFF switch designed to prevent confusion

Best hygiene thanks to large rounded surfaces that can easily be cleaned

Excellent visual monitoring thanks to the 63 mm gauge

Excellent readability of the scale in kPa and mmHg, even from a distance. Thus ensuring a safe workflow

Large handy adjustment wheel for best operating convenience





## FOR FLEXIBLE MOUNTING S VAC CONNECTION FORMS

**International use:** with a wide range of different connection forms, the S VAC B 900 and S VAC D 200 are ideally suited for flexible installation in clinics and specialist practices.



Wall connection for DIN

### S VAC tapping unit - wall:

- Direct extraction from the terminal unit of the central gas supply system (CSS)
- According to versions: MEDAP, DIN, BOC, ALI, AGA

### S VAC tapping unit - equipment rail:

- Ideal for mounting to equipment rails 25-35 x 10 mm in accordance with DIN EN 19054

### S VAC tapping unit - screw connection:

- Specially designed for mounting to surgical trolleys and carrier frames



Wall connection for MEDAP



Wall connection for AGA (SS 87 524 30)  
Sweden



Wall connection for BOC (BS 5682)  
Great Britain



Wall connection for Air Liquide  
(NF S 90-116) France



Equipment rail 25-35 x 10 mm with  
NIST connection



Screw connection for mounting to surgical  
trolleys and carrier frames

## TAPPING UNIT FOR BRONCHIAL AND SURGICAL ASPIRATION

### S VAC B 900



S VAC B 900: in ISO colour coding

**Fast and extremely high flow rate:** whenever large quantities of secretions, blood and any other liquids are to be removed in continuous operation, the new S VAC B 900 is the ideal partner for bronchial and surgical aspiration. Thanks to the extremely high and fast flow rate of 100 l/min, the stress on the patient is reduced considerably, in the OR, in intensive care and in special practices.

**Power-independent aspiration:** as a power-independent alternative for OR and intensive care, the new S VAC B 900 is also available as an S VAC mobile aspiration unit and portable aspiration unit (see pages 8–9 of this brochure).

#### S VAC B 900:

- High vacuum of up to -100 kPa
- Extremely high flow rate of 100 l/min
- Ideal for bronchial and surgical aspiration
- Easy to read, large gauge scale with fine dividers
- CF-proof
- MR-conditional up to 4.7 Tesla
- Supply with vacuum via the central gas supply with nominal pressure of at least -60 kPa

#### TECHNICAL SPECIFICATIONS

	S VAC B 900
Flow rate	100 l/min
Vacuum regulation range	0 to -100 kPa 0 to -1 000 mbar
Nominal pressure of gas supply	-100 to -60 kPa -1 to -0.6 bar
CF-proof	yes
MR-conditional	up to 4.7 Tesla
Dimensions (mm)	165 x 80 x 125–165
Weight	360–510 g
Classification as per Appendix IX of the 93/42/EEC directive	class IIa

Version / Terminal unit	S VAC B 900 Art.-No.
Wall connection for DIN	5752 5619
Wall connection for MEDAP	5752 5620
Wall connection for AGA (SS 87 524 30) Sweden	5752 5623
Wall connection for BOC (BS 5682) Great Britain	5752 5621
Wall connection for Air Liquide (NF S 90-116) France	5752 5622
Equipment rail	5752 5624
Screw connection	5752 5625

## TAPPING UNIT FOR DRAINAGE ASPIRATION

### S VAC D 200

**Ideal for wound drainage:** every Kilopascal counts when it comes to the post-operative aspiration of wound secretions, secretions, blood, air and serous fluids. Thanks to the finely regulated performance, the S VAC D 200 is designed to be particularly suitable for the special needs of wound drainage in continuous operation. Here, the integrated, patient-side safety valve installed for the safety of the patient (i.e. protection from tissue lesions) limits the maximum vacuum to -20 kPa.

**High-performing thoracic drainage (disposable systems):** with the extremely high flow rate of 90 l/min, the S VAC D 200 is also ideally suited for all disposable thoracic drainage systems with integrated vacuum regulation that require a high flow rate.

#### S VAC D 200:

- Low vacuum of up to -20 kPa
- Extremely high flow rate of 90 l/min
- Ideally suited for wound drainage and disposable thoracic drainage systems with integrated vacuum regulation
- Additional patient-side safety valve
- Easy to read, large gauge scale with fine dividers
- CF-proof
- MR-conditional up to 4.7 Tesla
- Supply with vacuum via the central gas supply with nominal pressure of at least -60 kPa



S VAC D 200: in ISO colour coding

#### TECHNICAL SPECIFICATIONS

	S VAC D 200
Flow rate	90 l/min
Vacuum regulation range	0 to -20 kPa 0 to -200 mbar
Nominal pressure of gas supply	-100 to -60 kPa -1 to -0.6 bar
CF-proof	yes
MR-conditional	up to 4.7 Tesla
Dimensions (mm)	165 x 80 x 125-165
Weight	410-560 g
Classification as per Appendix IX of the 93/42/EEC directive	class IIa

Version / Terminal unit	S VAC D 200 Art.-No.
Wall connection for DIN	5752 5626
Wall connection for MEDAP	5752 5627
Wall connection for AGA (SS 87 524 30) Sweden	5752 5630
Wall connection for BOC (BS 5682) Great Britain	5752 5628
Wall connection for Air Liquide (NF S 90-116) France	5752 5629
Equipment rail	5752 5631

## POWER-INDEPENDENT ASPIRATION FOR OR AND INTENSIVE CARE S VAC MOBILE ASPIRATION UNIT AND S VAC PORTABLE ASPIRATION UNIT

**S VAC mobile aspiration unit:** the combination of a stable, easy to operate surgical trolley and a newly developed S VAC B 900 tapping unit for screw connection results in a modern and extremely powerful surgical aspirator for power-independent use in clinics and specialist practices.

- Trolley made from rust-free stainless steel with two equipment rails 25 x 10 mm and easily operated anti-static castors (two of these can be locked)
- Mechanical overflow protection with special particle filter
- Combination with individual application sets for surgical aspiration (AS)
- Direct connection to the central gas supply
- NIST connection for connection tubes

**S VAC mobile aspiration unit basic equipment (Art.-No. 5752 5637) – scope of delivery:**

- S VAC B 900 tapping unit for screw connection
- Mechanical overflow protection
- Surgical trolley

**S VAC mobile aspiration unit complete unit (Art.-No. 5752 5638) – scope of delivery:**

- S VAC mobile aspiration unit basic equipment
- AS surgical aspiration / 2 x 3 l
- Connection tube with gas probe and NIST screw connector / vacuum / DIN / 3 m / ISO colour coding

*S VAC: mobile aspiration unit*







*S VAC: portable aspiration unit*

**Easily portable septic fluid aspirator:** in combination with a lightweight, powder-coated aluminium carrier frame and the new S VAC B 900 you achieve a practical, easily portable aspiration unit for power-independent use in intensive care. With the corresponding application sets (AS) the S VAC portable aspiration unit becomes a high-performance septic fluid aspirator.

**S VAC portable aspiration unit basic equipment (Art.-No. 5752 5639) – scope of delivery:**

- S VAC B 900 tapping unit for screw connection
- Mechanical overflow protection
- Aspiration set frame solo

**S VAC portable aspiration unit complete unit (Art.-No. 5752 5640) – scope of delivery:**

- S VAC portable aspiration unit basic equipment
- AS septic fluid aspiration / 2 x 1 l
- Connection tube with gas probe and NIST screw connector / vacuum / DIN / 1.5 m / ISO colour coding



*S VAC: portable aspiration unit, complete unit*

## SAFETY IS TOP PRIORITY MODERN OVERFLOW PROTECTION OF CHOICE

**Effective protection from oversuction:** as in the past, the ingress of contaminated fluid is one of the most frequent causes of defects to a tapping unit, particularly as this can often easily lead to a cost-intensive contamination of the vacuum pipeline system of a clinic or specialist practice. In order to prevent this, the new S VAC tapping units can be operated with a suitable overflow protection device thanks to a special mechanism. The user can choose between

- a mechanical overflow protection with additional particle filter or
- a particularly high-performance hydrophobic bacterial and viral filter.

Both overflow protection systems can be fitted with vacuum connection tube with internal diameters of 6 mm and 8 mm.

**Mechanical overflow protection:** to ensure effective protection from oversuction, the mechanical overflow protection has a special particle filter in addition to the float. Another advantage is the great distance between the inlet and outlet of the overflow protection which prevent ingress of fluid into the tapping unit. With the exception of the particle filter, all components of the overflow protection can be autoclaved at 134 °C. For safe mounting, the mechanical overflow protection is attached directly to the S VAC tapping unit with the help of a bayonet coupling.

**Hydrophobic bacterial and viral filter:** it also offers the greatest of safety in the event of foam formation. In this way, the hydrophobic bacterial and viral filter protects the tapping unit and the central vacuum system of a clinic or specialist practice in a particularly reliable way. The hydrophobic bacterial and viral filter is attached to the S VAC tapping unit with a stable, precisely fitting adapter with bayonet coupling.



*Mechanical overflow protection with special particle filter*



*Hydrophobic bacterial and viral filter*

## KNOWING WHAT IS NEEDED S VAC ACCESSORIES

**Strong on details:** with suitable and carefully selected accessories ATMOS supports the application-tailored use of the new S VAC tapping unit for vacuum in clinics and specialist practices. For suitable connection tubes for vacuum with NIST connection and all current tapping connectors, see the brochure "Connection tubes and tapping connectors".



*Mechanical overflow protection*



*Particle filter for mechanical overflow protection*



*Adapter for hydrophobic bacterial and viral filter*

Recommended accessories	Art.-No.
Mechanical overflow protection (overflow container with float cap)	5752 5632
Adapter for hydrophobic bacterial and viral filter	5752 5634
Hydrophobic bacterial and viral filter (disposable)	5752 5635

Consumption material	Art.-No.
Particle filter (specially for mechanical overflow protection 5752 5632) (100 pieces)	5752 5633
Vacuum connection tube 6 x 12 mm, length 1 metre	5750 5467
Vacuum connection tube 8 x 14 mm, length 1 metre	5750 5483
Fingertip, sterile, not autoclavable, minimum purchase 10 pieces	000 0347 0

Additional accessories	Art.-No.
Aspiration set frame solo	5752 5256
Connection set for aspiration set frame solo (for septic fluid jar with equipment mount in a width of 40 mm)	5752 5288
Tube holder (for attaching to the equipment rail 25 x 10 mm (DIN))	5750 8021



*Hydrophobic bacterial and viral filter*



■ **Manufacturer:**

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