



# Minimise the risk of infection with **Medela's Professional Vacuum Systems**

For an optimal protection and care for  
both patient and HealthCare Professional

**Turning Science into Care**



# Infection prevention & control remains main concern for the Hospital environment<sup>1</sup>



The **awareness** about the risk of infection has increased, nosocomial infection remain concerning for the hospitals.



Hospitals seek to optimise **hygiene standards** and use devices with higher precision and efficiency.



**Breakdowns of central vacuum systems** may create ad hoc challenges with overflows leading to **contamination**.



**Patient safety** within a sanitized environment is prioritized together with healthcare professional protection.

**Professional Vacuum Systems remain fundamental in the Hospital environment to cover independent mobile suctioning requirements and provide flexibility in place under hygiene conditions.**



## Medela Professional Vacuum Solutions respond to **Hospital's key challenges**

With over **60 years medical expertise** on Suction Devices<sup>2</sup>, Medela has invested in medical suction solutions developing **high performance vacuum systems** that enable healthcare professionals to deliver high quality care and ensure optimal safety, **reducing the risk of infection** in multiple **surgical and airway applications**.

**1**

**Mobile Surgical & Airway solutions independant from Wall Suction.**

**2**

**One provider with complete and compatible offering of consumables.**

**3**

**Optimal mix of protection from infection and highquality performance.**

<sup>1</sup> Global PVS market study 2023 by Medela <sup>2</sup> Medela PVS since 1981 in the market

# Medela PVS minimizes the Risk of Infection with High Quality Performance Solutions

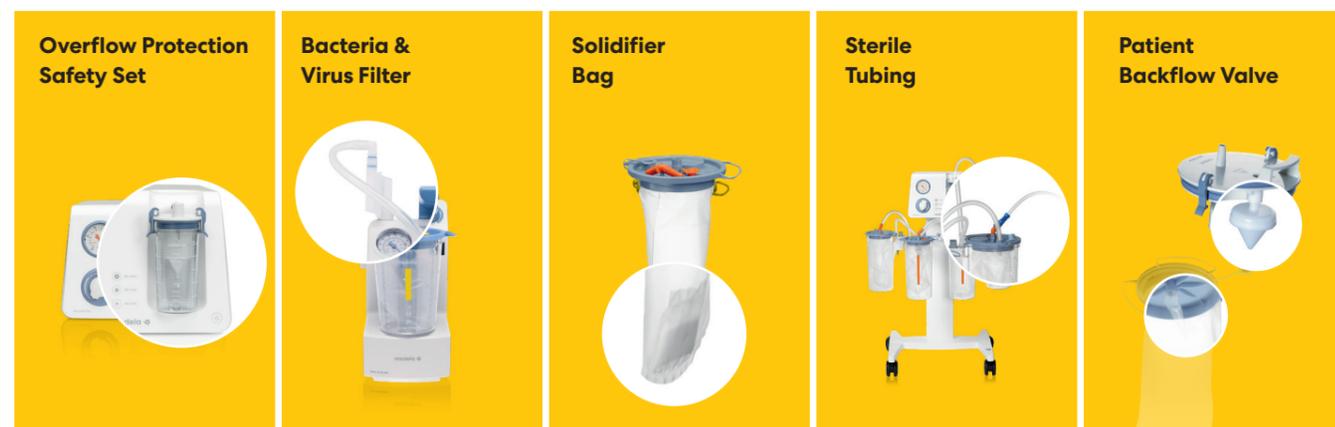


Dominant Flex	Basis	Vario 18	Disposables	Reusables	Accessories
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### For High Quality Performance and Ease of Use for the HCP

	<ul style="list-style-type: none"> <li><b>Easily adjustable</b> Vacuum &amp; Flow rate<sup>1</sup> for <b>increased Performance</b></li> </ul>			<ul style="list-style-type: none"> <li><b>Color coded</b> canister and jars for <b>easy set up</b></li> <li><b>Quieter</b> than comparable models</li> <li>Available sizes: 1,5L / 2,5L</li> </ul>	<ul style="list-style-type: none"> <li>Reusable jars up to <b>375 times</b><sup>3</sup></li> <li>Available sizes: 1L / 2L / 3L / 5L</li> </ul>	<ul style="list-style-type: none"> <li><b>Easily adaptable</b> to different suctioning devices</li> <li>Sterile tubings</li> <li>Virus and bacteria filters</li> </ul>
		Dominant Flex	Basic			
<b>Flow L/ min</b>	40,50 or 60	30		18		
<b>Max Vacuum kPa</b>	-95	-90		-75		
<ul style="list-style-type: none"> <li>With vacuum build-up in <b>6 seconds</b> ensuring immediate response especially for time-sensitive cases<sup>2</sup></li> </ul>						

### For Optimal Protection from Infection for both Patient & HCP

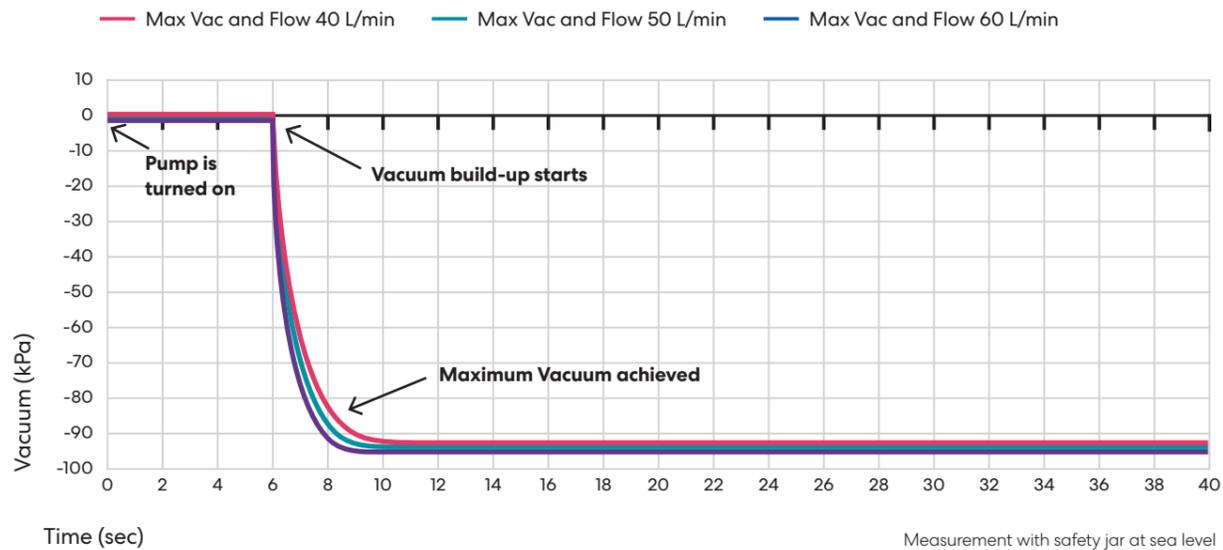


- In case of backflow, the **overflow protection safety** set protects the pump from fluid entering and contamination.
- High protection with our **virus filters** with filtering efficiency > 99.9%<sup>4</sup>
- Disposable liners with **solidifier bags** increasing patient and healthcare professional safety.
- Sterile tubing ensures hygienic system set up** in OR, adhering to infection control protocols.
- Patient backflow valve integrated into both disposable and reusable collection systems to **prevent fluid backflow and overflow**, enhancing safety for patients and healthcare professionals

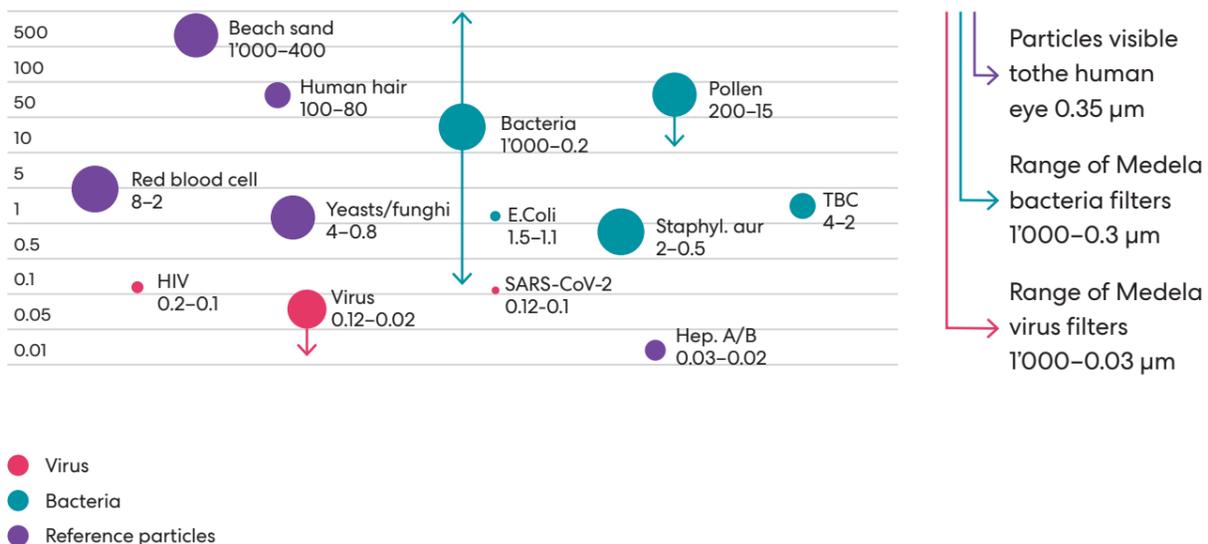
<sup>1</sup>Adjustable flow rate only for Dominant Flex, <sup>2</sup>See chart 1 page 3, <sup>3</sup>5 times per week for 1.5 years, <sup>4</sup>See chart 2 page 3

# Medela invests in advancing **pump performance** and rigorous virus & bacteria **filter efficacy** testing

## 1 Be ready right away: Medela Dominant Flex pump achieves fast Vacuum build-up in 6 seconds



## 2 Increase safety with Medela Filter System protecting from Virus & Bacteria with 99.9% Efficiency



Filtration Efficiency  $\mu\text{m}$  (Micrometer)  
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# Medela Professional Vacuum Systems for a wide range of clinical applications

Area of application	Dominant Flex	Basic	Vario 18
Minor/Small Surgery	○	●	●
General Surgery	●	●	
Gastric Surgery	○	○	●
Cardiac Surgery (ie OBCAP)	●	○	
Endoscopic Surgery	●	○	
Neurosurgery	●	○	
Orthopedics	●	○	
Gynecological Surgery	●	○	
Vacuum Assisted Delivery	○	●	
Liposuction / Body Contouring	●		
Wound Drainage	●	●	
Dental Surgery		○	●
Maxillofacial Surgery		○	●
Airway Suctioning			●
Nasopharyngeal & Tracheal Suctioning			●

● Specially made for  
○ Possible

# Medela's best practice on how to ensure safety and infection control

- 1** Make usage of **high efficiency Bacteria & Virus filters** to reduce Risk of Infection
- 2** Ensure **Overflow Protection set** is provided as part of the pump set up, to avoid cross contamination
- 3** Prioritise usage of **proven Disposable collection liners with solidifier option** for a safe and easy fluid collection and removal
- 4** Select the **right suction system** with choosing mobile vacuum pump **independent from central vacuum** to reduce risk of cross-contamination



## Medela Professional Vacuum Systems also commit to:

- “State of the art“ ISO Standards 10079 compliance
- 5 years\* warranty for Surgical Suction pumps
- Technical Service support and feedback within 24 hours

\*Basic and Dominant Flex Pump

# Make your choice from Medela's PVS Solutions

Pumps		
	Article	Description
	071.0003* 071.0034	Dominant Flex mobile (also available as portable or rack versions)
	071.0001* 071.0034	Basic mobile (also available as portable or rack versions)
	026.5110*	Vario 18 AC/DC (also available without rechargeable battery)

\*article number might variate depending on regional availability

Disposable Collection System (DCS)		
	Article	Description
	077.0082 077.0084	Suction jar PC, 1.5 L Disposable suction liner with solidifier 1.5 L
	077.0085 077.0087	Suction jar PC, 2.5 L Disposable suction liner with solidifier 2.5 L
	077.0188	Trolley for DCS

All liners also available without solidifier

Virus & Bacteria Filters*		
	Article	Description
	101035263 / 101035264	Disposable virus filter with overflow protection, Medela/conical connections
	077.0571 / 077.0572	Disposable bacteria filter with overflow protection, Medela/conical connections
	077.0575	Disposable bacteria with odour filter Medela connections

\*article number might variate depending on regional availability

Reusable Collection System (RCS)		
	Article	Description
	077.0105	Reusable 1 L set with PSU suction jar
	077.0707	Double-reusable 2 L set with PSU suction jar
	077.0704	Double-reusable 3 L set with PSU suction jar

All components also available separately

Accessories*		
	Article	Description
	077.0521	Clampholder, plastic
	077.0563	Change-over valve with clampholer and tubing set
	077.0188	Trolley for large volume collection (up to 4 jars)

\*see the Medela Surgical care catalogue for full portfolio offers

Sterile Tubing*		
	Article	Description
	077.0951	Disposable PVC tubing with fingertip, Ø 5.5 x 8.5 mm, 180 cm
	077.0184	Disposable PVC tubing, Ø 5.5 x 8.5 mm, 150 cm
	077.0170	Disposable PVC Tubing, Ø 6.9 x 10 mm, 150 cm



**Find the full Medela PVS portfolio.  
For more information about Medela products,  
you can visit [medela.com](https://www.medela.com)**

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