



## Product codes

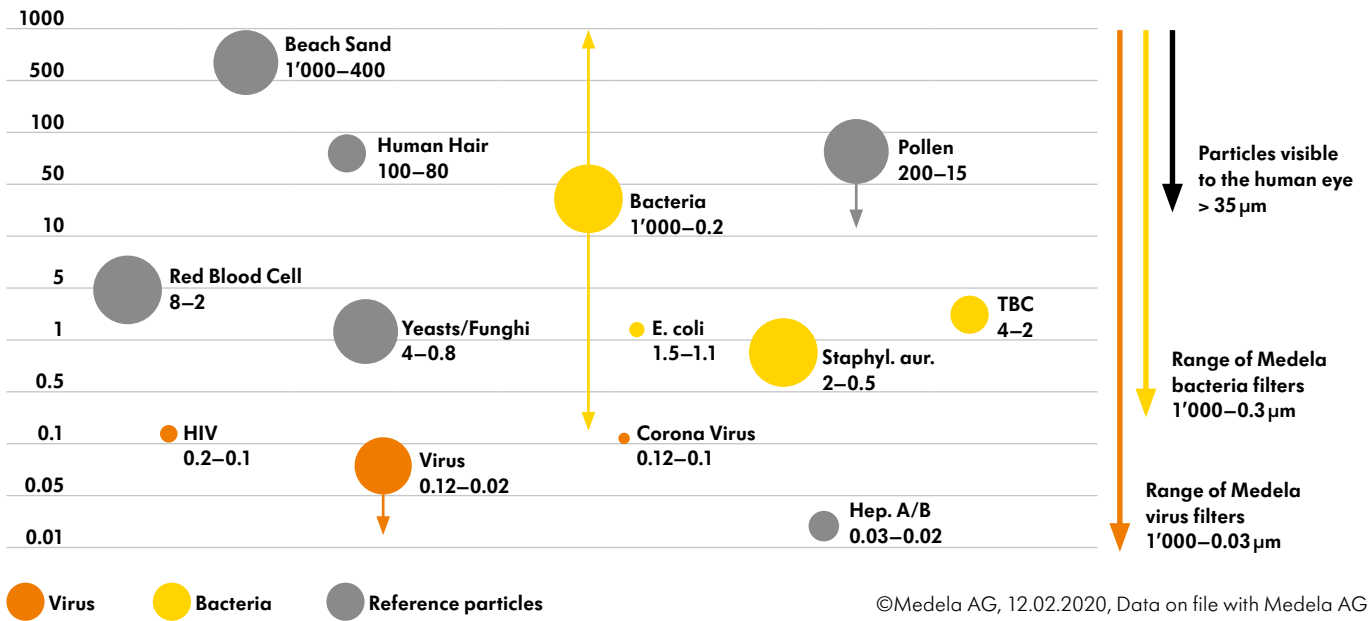
Item numbers	AC version		
	026.2110	230–240 V/50Hz	Euro plug
	026.2120	100–120 V/60Hz	US plug
	026.2150	230–240 V/50Hz	AUS/NZ plug
	026.2160	230–240 V/50Hz	Euro plug
	AC/DC version		
	026.5110	100–240 V/50–60 Hz	Euro plug
	026.5120	100–240 V/50–60 Hz	US plug
	026.5140	100–240 V/50–60 Hz	UK plug
	101046668	100–240 V/50–60 Hz	Brazil plug
	101046669	100–240 V/50–60 Hz	China plug
	AC/DC c/i version		
026.8122	100–240 V/50–60 Hz	US plug	
026.8152	230–240 V/50Hz	AUS/NZ plug	
Service manual	177.2610 (EN, DE)		

## Pump specifications

Max. vacuum [kPa/mmHg]	–75/–563 (±10% tolerance)		
Flow [l/min]	18 l/min. (±10% tolerance)		
Dimensions [mm]	380 x 170 x 285 height including filter and 90° coupling piece: 440		
Weight [kg]	AC	3.5	
	AC/DC	4.2	
Drive unit	QuatroFlex piston/cylinder technology		
Power supply	AC	230–240V, 50 Hz/230–240V, 60 Hz/120 V, 60 Hz	
	AC/DC	100–240V, 50–60 Hz	
Power consumption [W]	AC	90 (70 for 100–120V version AC)	
	AC/DC	80	
Noise level [dB(A)]	51.2		
Vacuum regulator	Membrane		
Protection against electric shock	Type CF (cardiac floating: max. earth leaking current 10 µA)		
Medical Device Classification – According to 93/42/EEC	Class IIa		
Protection against electric shock	Class II Equipment		
Ingress Protection	IP22		
Battery	NiMH		
Operation from battery (at full charge)	30 minutes		
Charging time of battery	5 hours		
Low battery indication	LED and acoustic		
Overflow protection	Disposable overflow protection/bacterial filter (5 pcs included)		
Warranty [years]	2; QuatroFlex and battery 6 months		
Operating temperature, relative humidity, pressure	+5 to +40°C / 15 to 93% / 70 to 106 kPa		
Transport/storage temperature, relative humidity, pressure	–20 to +55°C / 15 to 93% / 70 to 106 kPa		
Made in	Switzerland		

## Chart 1

Filtration Efficiency  $\mu\text{m}$  (Micrometer)

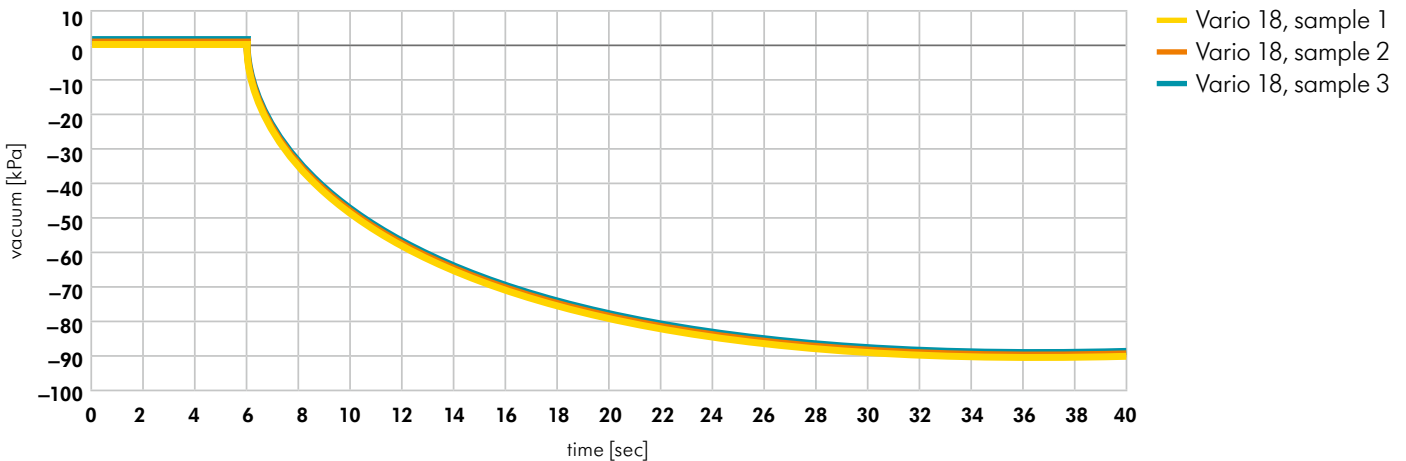


### Benefits at a glance

- ✓ Laboratory tested high **virus retention grades of 99.99%** for particles larger than 0.03  $\mu\text{m}$
- ✓ **Captures all kinds of Coronaviruses:** 2019-nCoV, SARS-CoV, HCoV NL 63 and HKUI
- ✓ Filters all kinds of viruses and bacteria

## Chart 2

Vacuum build-up, Vario 18 AC, calculated at sea level (with filter and 1 L jar)



### Conclusion

Vario 18 build-up regulator lasts maximum 6 seconds, while vacuum performance starts stabilising vacuum to  $-90$  kPa at 30 seconds.

<b>Main compatible accessories</b>	
<b>Reusable Collection System</b>	
Reusable 1 l set with PSU suction jar	077.0715
Reusable 2 l set with PSU suction jar	077.0716
<b>Disposable Collection System</b>	
Suction jar PC, 1.5 l	077.0082
Disposable suction liner 1.5 l	077.0083
Disposable suction liner 1.5 l with solidifier	077.0084
Adapter for Vario	077.0105
<b>Filters (selection of range)</b>	
Vario disposable filter set	077.0834
Disposable overflow protection/bacteria filter with Medela connection	077.0571
Disposable bacteria filter with Medela connection	077.0573
Disposable bacteria/odour filter with Medela connection	077.0575
Disposable virus filter with overflow protection with Medela connection	101035263
Disposable virus filter with overflow protection with conical connections	101035264
Disposable virus filter with Medela connection	101035265
<b>Tubing, silicone (selection of range)</b>	
Silicone tubing Ø 7x12 mm, without coupling pieces, 1 m	077.0901
Silicone tubing Ø 7x12 mm, without coupling pieces, 2 m	077.0902
Silicone tubing Ø 7x12 mm with 1 coupling piece, 60 cm	077.0912
Silicone tubing Ø 7x12 mm with 1 coupling piece, 100 cm	077.0913
Silicone tubing Ø 7x12 mm with 2 coupling pieces, 30 cm	077.0921
Silicone tubing Ø 7x12 mm with 2 coupling pieces, 60 cm	077.0922
Silicone tubing Ø 7x12 mm, 25 cm, with 1 coupling piece and 1 coupling piece 90°	077.0931
<b>Tubing, disposable</b>	
Disposable (PVC) tubing, 180 cm, with fingertip, sterile	077.0951
Disposable tubing, 180 cm, with fingertip, non sterile	077.0952
<b>Optional</b>	
Clampholder, plastic	077.0521
Wall bracket, single	077.0523
Vario carrying bag	077.0831
Car connection cable for Vario 12V DC	077.0832
Disposable specimen cup, Ø 6–10 mm (for reusable collection system)	077.0562
Disposable specimen cup for disposable collection system	077.0094



CAUTION: Federal law restricts this device to sale by or on the order of a health professional.

**Medical Vacuum Technology for Healthcare Professionals**  
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