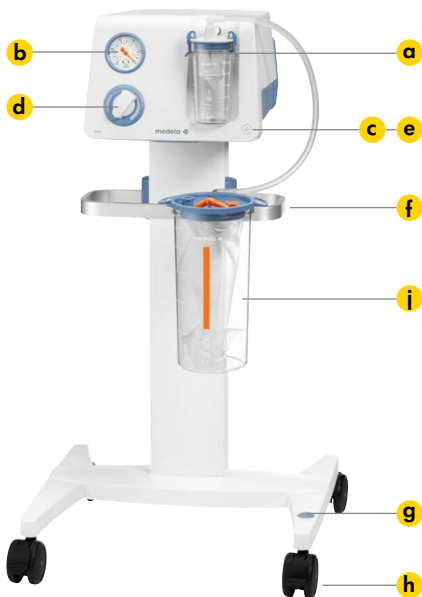


Basic suction pump

Technical Information



Mobile version



Portable version



Rack version

- a Safety Set
- b Vacuum gauge in kPa and mmHg
- c On/off button
- d Vacuum regulator
- e Standby indicator
- f Standard rail
- g Foot on/off switch
- h Four castors with brakes
- i Carrying handle

The Basic is a high-quality suction pump, which provides maximum suction performance for many suctioning needs. It ideally combines easy handling and reprocessing with safety features to ensure optimal operation. You can choose from a comprehensive range of accessories from Medela to configure the pump to many medical applications.

Intended use/purpose

Intended use of the Basic suction pump is the creation of a constant vacuum in the range of 0 to -90 kPa.

Indications for use

The Basic suction pump is indicated for all applications requiring vacuum such as general surgery, liposuction, endoscopy, epicardial ablation, nasopharyngeal suction, neurosurgery, OPCAB, vacuum assisted cesarean/delivery and wound drainage in hospital, clinic and doctor's practice settings.

KEY DIFFERENTIATORS

Providing reliable and simple suction, hygienically

The Basic pump is a reliable and simple suction pump available for all applications in the hospital, clinic or doctor's practice that require a high-vacuum setting, including endoscopy, airway suction, vacuum assisted cesarean/delivery and wound drainage.

Keeping it simple

With the Basic suction pump, Medela strived for simplicity. Turn the pump on with either the foot switch integrated into the trolley or by touching the button on the housing. Adjust the vacuum with the intuitive membrane vacuum regulator. Optional accessories can be attached to meet your needs. Simplified inner construction minimises the effort required for routine checks, saving costs.

Working when and how it should

Medela's Swiss ingenuity has led to the long lifetime for which our pumps are renowned. Company know-how, durable materials, and an intelligent configuration all contribute to the reliability of the Basic suction pump.

Addressing hygienic concerns

Hygiene concerns influenced both the design and functionality of the Basic suction pump and its optional accessories. Medela paid close attention to the location and design of operating elements in order to reduce potential contamination risks.

Product codes

Item numbers	Basic rack: 071.0001, 101046580 (Brazil only), 101046565 (US and Canada only)
	Basic Portable: 071.0000, 101046579 (Brazil only), 101046564 (US and Canada only) Trolley for Dominant Flex/Basic for mobile version: 071.0034
Service manual	200.6366 (EN)

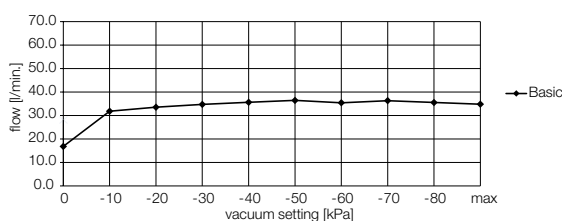
Pump specifications

Max. vacuum [kPa/mmHg]	-90/675 ($\pm 15\%$ tolerance)			
Flow [l/min]	≥ 30 l/min free airflow at sea level ($p = 1013$ mbar) but not more than 10 l/min above nominal flow.			
Dimensions W/H/D [mm/in]	Rack version	305 (12.0)	210 (8.3)	375 (14.8)
	Portable version	305 (12.0)	285 (11.2)	375 (14.8)
	Rack/trolley	510 (20.1)	985 (38.8)	470 (18.5)
Weight [kg/lbs]	Rack version	9.3 (20.5)		
	Portable version	9.5 (20.9)		
	Rack/trolley	16 (35.3)		
Drive unit	Piston/cylinder technology			
Power consumption [W]	50			
Power consumption [W] in standby mode according to EC standard No 1275/2008	<1			
Noise level [dB(A)]	≤ 47			
Vacuum regulator	Membrane			
Protection against electric shock	Type CF (cardiac floating: max. earth leaking current 10 μ A)			
Medical Device Classification – According to 93/42/EEC and Regulation (EU) 2017/745	Class IIa			
Protection against electric shock	Class I Equipment			
Ingress Protection	IP22			
Equipotential conductor	On pump and on optional trolley			
Housing material	ABS			
On/off button	CleanTouch Technology			
Overflow protection device	Safety Set with mechanical overflow protection			
Warranty [years]	5			
Automatic voltage detection	Yes			
Power cable length [m]	5			
Operating temperature, relative humidity	5 to 40 °C / 30–75%			
Transport/storage temperature, relative humidity	-20 to +55 °C / 20–95%			
Made in	Switzerland			
Year first sold	2013			
IEC 60601-1: 2005, Edition 3.2 fulfilled	Yes			

Trolley specifications

Antistatic castors	Yes, all 4
Quantity of castors with brakes	4
Diameter of castors [mm]	75
On/off switch integrated into trolley	Yes
Equipotential conductor on trolley	Yes
Standard rail	Yes

Flow at various vacuum settings



◀ Conclusion: Already at -10 kPa the promoted flow rate is reached. The user has full suction capacity at even low vacuum levels.

Main compatible accessories	
Disposable Collection System	Item number
Suction jar PC, 1.5l	077.0082
Disposable suction liner 1.5l	077.0083
Disposable suction liner 1.5l with solidifier	077.0084
Suction jar PC, 2.5l	077.0085
Disposable suction liner 2.5l	077.0086
Disposable suction liner 2.5l with solidifier	077.0087
Two or more jars from Disposable Collection System	Item number
Change-over valve	077.0563
Serial connection, vacuum	077.0095
Serial connection, patient	077.0160
Trolley for up to 5 additional jars	077.0188
Reusable Collection System	Item number
Reusable 1l set with PSU suction jar with clamp holder	077.0701
Reusable 2l set with PSU suction jar with clamp holder	077.0702
Reusable 3l set with PSU suction jar with clamp holder	077.0703
Reusable 5l set with PSU suction jar with clamp holder	077.0705
Double-reusable 2l set with PSU suction jar	077.0707
Double-reusable 3l set with PSU suction jar	077.0704
Double-reusable 5l set with PSU suction jar	077.0706
Reusable 1l set with PSU suction jar without clamp holder (for portable versions)	077.0715
Reusable 2l set with PSU suction jar without clamp holder (for portable versions)	077.0716
Two or more jars from Reusable Collection system	Item number
Change-over valve	077.0563
Reusable serial connector	077.0542
Trolley for up to 5 additional jars	077.0188
Controls	Item number
Foot on/off switch	077.0723
Foot vacuum regulator	077.0731
Filters	Item number
Disposable virus filter with Medela connection	101035265
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
Vacuum Tubing, silicone	Item number
Silicone tubing Ø 7x12 mm, without coupling pieces, 25 m	077.0900
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, without coupling pieces, 5 m	077.0905
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
Silicone tubing green Ø 6.5x12.5 mm 180 cm with coupling piece	077.0961
Silicone tubing Ø 7x12 mm, 60 cm, with 1 coupling piece and 1 coupling piece 90°	077.0185
Silicone tubing Ø 5x10 mm, 25 m	077.0970

Patient Tubing, disposable	Item number
Disposable (PVC) tubing, 180 cm, with fingertip, sterile	077.0951
Disposable (PVC) tubing with universal funnels, 150 cm, sterile	077.0184
Disposable (PVC) tubing without coupling pieces, 150 cm, sterile	077.0170
Disposable (PVC) tubing with 1 stepped conical connector, 180 cm, non sterile	077.0952

Patient Tubing, reusable	Item number
Silicone tubing, transparent, 32 cm	077.0053
Silicone tubing, transparent, 120 cm	077.0055
Silicone tubing, transparent, 150 cm	077.0056

Vacuum Assisted Delivery, Single use	Item number
Single Use Silc Cup, Ø 60 mm	077.0791
Single Use Bird Cup, Ø 50 mm	077.0792

Vacuum Assisted Delivery, reusable	Item number
Bird Anterior Suction Cup 60mm, compl. with handle and silicone tubing 150 cm	077.0171
Bird Anterior Suction Cup 50 mm, compl. with handle and silicone tubing 150 cm	077.0172
Bird Anterior Suction Cup 40 mm, compl. with handle and silicone tubing 150 cm	077.0173
Bird Posterior Suction Cup 50 mm, compl. with handle and silicone tubing 150 cm	077.0174
Silc Cup, Ø 50 mm, blue	077.0761
Silc Cup, Ø 60 mm, yellow	077.0762
Silc Cup with trumpet valve, Ø 60 mm	077.0078
CaesAid Cup	077.0080

Optional	Item number
Tubing holder, left side	077.0751
Tubing holder, right side	077.0752
Clampholder, plastic	077.0521
Wall bracket, single	077.0523
Disposable specimen cup, Ø 6–10 mm (for reusable collection system)	077.0562
Disposable specimen cup, Ø 10–14 mm (for reusable collection system)	077.0564
Disposable specimen cup for disposable collection system	077.0094



Medical Vacuum Technology for Healthcare Professionals
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