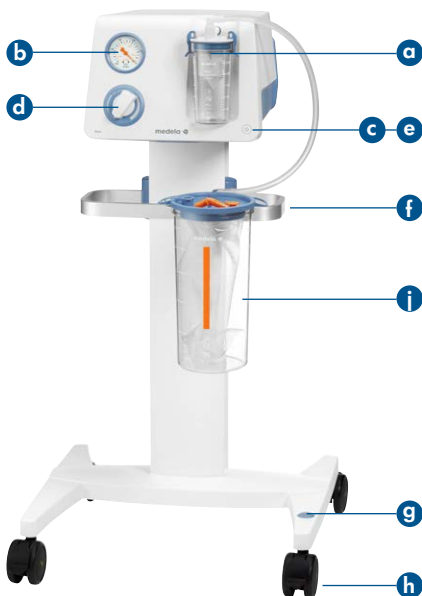


Basic suction pump

Technical Information



Mobile version



Rack version



Portable version

Introduction

The Basic Suction Pump provides reliable high vacuum for a variety of applications in hospitals, clinics and medical practices. The Medela Basic is a truly innovative and uniquely designed medical suction pump, offering new standards of hygiene, ease of use and low noise levels.

Intended use

Intended Use of the Basic suction pump is the creation of a constant vacuum in the range of 0 to -90 kPa. This vacuum can be used for all applications in the hospital, clinic and doctors practice which require a vacuum in this setting such as: general surgery, liposuction, endoscopy, epicardial ablation, nasopharyngeal suction, neurosurgery, OPCAB, vacuum assisted cesarian/delivery and wound drainage.

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

In developing 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.

- a Safety Set
- b Vacuum gauge in kPa and mmHg
- c On/off button
- d Membrane vacuum regulator
- e Standby indicator
- f Standard rail

- g Foot on/off switch
- h Four castors with brakes
- i Carrying handle
- j 2.5l disposable collection system
- k 2l reusable collection system

Product codes

Item numbers	Basic portable 071.0000 Basic rack 071.0001 Basic mobile 071.0001 and 071.0034
Service manual	200.6366 (EN)

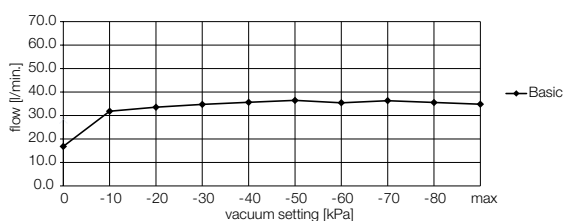
Pump specifications

Max. vacuum [kPa/mmHg]	-90/675			
Flow [l/min]	30 l/min.			
Dimensions [mm]	Rack version	W	H	D
	Portable version	305 (12.0)	210 (8.3)	375 (14.8)
	Rack/trolley	510 (20.1)	985 (38.8)	470 (18.5)
Weight [kg]	Rack version	9.3	20.5 lbs	
	Portable version	9.5	20.9 lbs	
	Rack/trolley	16	35.3 lbs	
Drive unit	Long-lasting Piston/cylinder technology			
Power consumption [W]	50 (0.07 hp)			
Power consumption [W] in standby mode according to EC standard No 1275/2008	<1			
Rpms	48			
Noise level [dB(A)]	36.3			
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 I Equipment			
Ingress Protection	IP21			
Equipotential conductor	On pump and on optional trolley			
Housing design	PC+ABS, Hood, single piece			
On/off button	CleanTouch Technology			
Overflow protection device	Safety Set with mechanical overflow protection			
Warranty [years]	5			
Shelf life [years]	2			
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 +50 °C/20–95 %			
Made in	Switzerland			
Year first sold	2013			
Approvals	CE, FDA			
IEC 60601-1: 2005, Edition 3.0 fulfilled	Yes			

Trolley specifications

4 antistatic castors	Yes, 75 mm diameter
Quantity of castors with brakes	All 4
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.