



***„In tricky situations, the appliances in the Operating Theatre must be as reliable and accurate as possible. The Master suction pump completely meets our very high standards and needs.“***

Thomas Greshacke, Head of Medical Technology  
Herz-Jesu Hospital, Münster-Hiltrup

# Senator

Sometimes less is more. You don't need as much suction but you require the same uncompromising quality? Then the Senator is for you: 30 litres per minute for a reliable and silent partner in a broad range of applications.

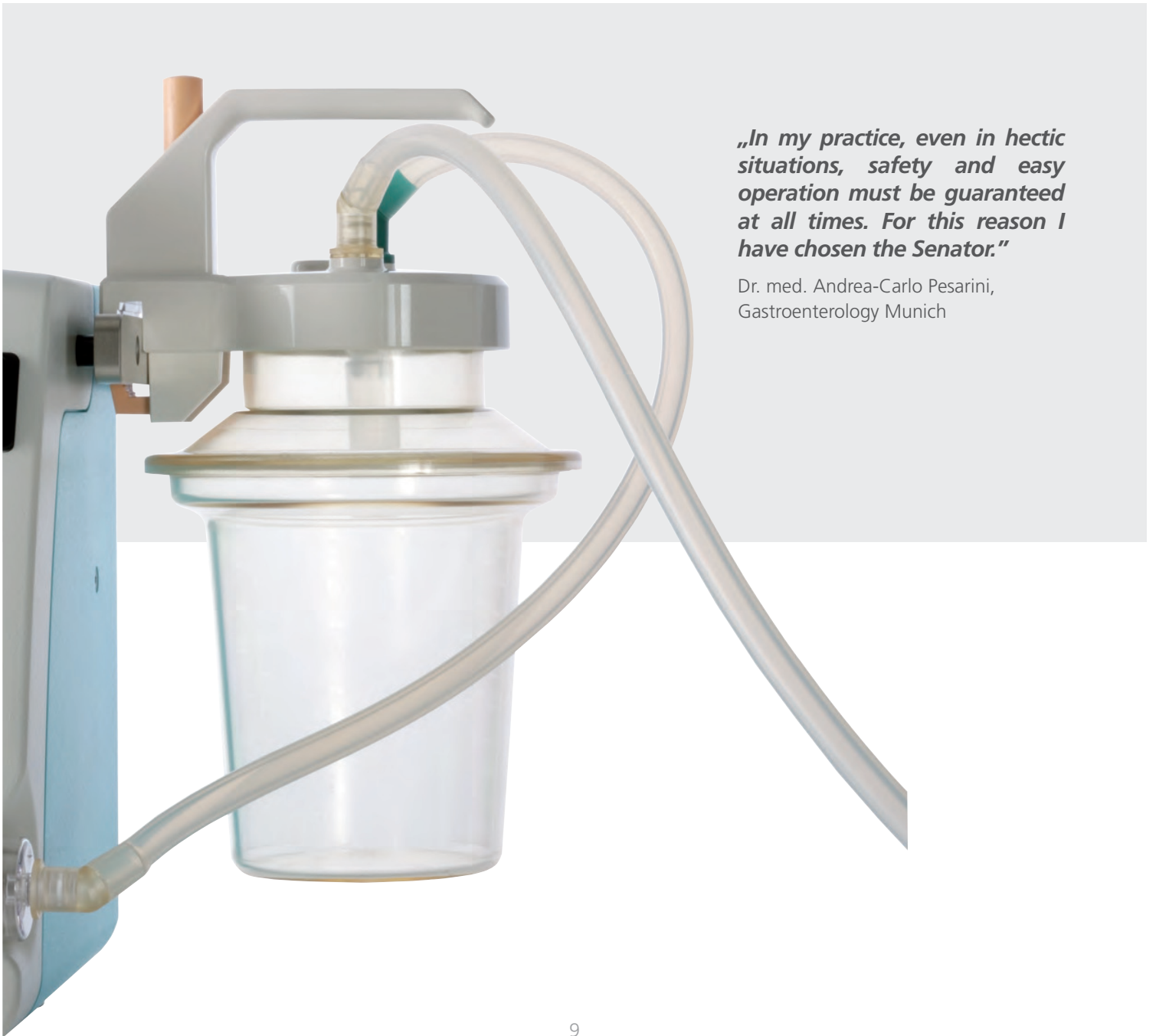
## Characteristics

- Efficient and powerful – 30 litres per minute – the most precise among suction pumps
- Fast – vacuum build-up to 90 kPa, 675 mmHg
- Safe – incorporates "3guard" protective technology
- Quiet as a whisper – 42dBA at maximum vacuum
- Low maintenance – incorporates "LowFriction" Piston/Cylinder-technology
- Durable – 5 year guarantee
- Cost effective – low operating costs
- Hygienic – easy-clean surface and design
- Low vibration – completely steady when in use
- Versatile – for a wide range of applications

## Applications include

- Obstetrics
- Endoscopy
- Various applications in secretion suction







***„In my practice, even in hectic situations, safety and easy operation must be guaranteed at all times. For this reason I have chosen the Senator.“***

Dr. med. Andrea-Carlo Pesarini,  
Gastroenterology Munich

# Technical data

These are the facts – let the figures speak for themselves.  
Check out the specifications.

Technical Data	Master	Senator
Specifications		
Suction capacity Vacuum	50 litres per minute up to 90 kPa, up to 675 mmHg	30 litres per minute up to 90 kPa, up to 675 mmHg
General		
Voltage/Frequency Power consumption Protection class / Degree of protection Noise level	230 Volt, 50/60 Hz; 115 Volt, 60 Hz 140 Watt / 0.60A (230 Volt); 140 Watt / 1.2A (115 Volt) Class I with protective earth ground / BF 43 dBA	230 Volt, 50/60 Hz; 115 Volt, 60 Hz 115 Watt / 0.45A (230 Volt); 115 Watt / 1A (115 Volt) Class I with protective earth ground / BF 42 dBA
Dimensions/Weight		
Dimensions without trolley (WxDxH) Dimensions with trolley (WxDxH) Weight without trolley Weight with trolley	250 x 285 x 325 mm 555 x 460 x 990 mm 7.4 kg 18.4 kg	250 x 285 x 325 mm 555 x 460 x 990 mm 7.4 kg 18.4 kg
Inspections/Certifications	MDD 93/42/EEC, EN 60601-1, EN 60601-1-2, EN 10079-1	MDD 93/42/EEC, EN 60601-1, EN 60601-1-2, EN 10079-1
Guarantee	5 years	5 years
Compliance	 0123 UL certified	 0123 UL certified



	Secretion Set 1 l	Secretion Set 2 l	Vacuum Extractor Set
	Suction jar 1 litre polysulfone lid with handle patient tubing	Suction jar 2 litres polysulfone lid with handle patient tubing	Suction jar 1 litre polysulfone lid with handle silicone suction cup 60 mm patient tubing foot operated vacuum regulator
	Senator Senator low vacuum Primus Primus cell	Senator Senator low vacuum Primus Primus cell 21	Senator