

# Medela airway suctioning pumps

Pump Specifications	Clario Toni	Clario	Vario 18
Max. vacuum [kPa/mmHg]	min. -8/-60 med. -13/-100 max. -80/-600	min. -18/-135 med. -36/-270 max. -80/-600	-75/-563
Flow [l/min]	15l/min.	15l/min.	18l/min.
Dimensions [mm]	223 x 255 x 95	223 x 255 x 95	380 x 170 x 285
Weight [kg]	AC/DC 2.0	AC 1.7 AC/DC 2.0	AC 3.5 AC/DC 4.2
Drive unit	Membrane	Membrane	QuatroFlex piston/cylinder technology
Power consumption	12 V / 3,4A	12 V / 3,4A	AC 90W AC (100-120 V) 70W AC/DC 80W
Noise level [dB(A)]; measured in Medela acoustic room at 1 m distance	64.3	64.3	51.2
Vacuum regulator	Leak hole, 3 settings	Leak hole, 3 settings	Membrane, variable
Protection against electric shock	Type BF	Type BF	Type CF (cardiac floating: max. earth leaking current 10 µA)
Medical Device Classification – According to 93/42/EEC	Class IIa	Class IIa	Class IIa
Protection against electric shock	Class II Equipment	Class II Equipment	Class II Equipment
Ingress Protection	IP21	IP21	IP21
Battery	NiMH	NiMH	NiMH
Operation from battery (at full charge)	>50 minutes	>50 minutes	30 minutes
Charging time of battery	5 hours	5 hours	5 hours
Overflow protection	Threefold hygienic design: – Floater in canister prevents overflow – SafetyChamber – Membrane system No overflow can occur into the pump	Threefold hygienic design: – Floater in canister prevents overflow – SafetyChamber – Membrane system No overflow can occur into the pump	Disposable overflow protection/bacterial filter (5 pcs included)
Warranty [years]	2; Battery 6 months	2; Battery 6 months	2; QuatroFlex and battery 6 months
Operating temperature, relative humidity, pressure	5 to 40 °C, 15-93 %, 70-106 kPa	5 to 40 °C, 15-93 %, 70-106 kPa	5 to 40 °C, 15-93 %, 70-106 kPa
Transport/storage temperature, relative humidity, pressure	-20 to +50 °C, 15-93 %, 70-106 kPa	-20 to +50 °C, 15-93 %, 70-106 kPa	-20 to +50 °C, 15-93 %, 70-106 kPa
Made in	Switzerland	Switzerland	Switzerland
IEC 60601-1: 2005, Edition 3.0 fulfilled	Yes	Yes	Yes
Accessories	Reusable collection system (home use)	Reusable collection system (home use)	Reusable (sterilisable) Disposable collection system
Additionally	Car connection cable, carrying bag, fingertip tubing	Car connection cable, carrying bag, fingertip tubing	Car connection cable, carrying bag, fingertip tubing

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

Medical Vacuum Technology  
for Healthcare Professionals

**Please contact us or your local Medela  
representative for details.**

 Medela AG  
Lättichstrasse 4b  
6341 Baar, Switzerland  
[www.medela.com](http://www.medela.com)

**Local contact:**