

Technical Specification

Functional Flow Rate (nominal)	Range -22 L/min
Pressure Output	Max -280 mmHg Operating mode Max -300 mmHg Safety cut off
Maximum Input pressure and Flow Rate	-520 mmHg Flow: 60 LPM
Power Supply Unit	110-120 VAC 1.9 A (INPUT) 180-220 VAC 1.1 A (INPUT) 50/60 Hz
Protection Class as per IEC 60601-1	Type B Class I
Risk Classification as per 93/42/EEC, IX	II A
Degree of Protection (IP Code) as per IEC 60529	IP20
Weight	Approx. 3.9 kg
Dimensions (LXWXD) in mm	VAPCare MCU (LxWxH) - 321X165X173 mm Sensing Unit (LxWxH) - 90X50X30 mm
Pressure measurement accuracy	>90% Full Scale Value
Operating mode, Type	Intermittent Suction Medium Vacuum Equipment
Operating Time	Continuous Operation
Battery Power Backup	Minimum 30 minutes when fully loaded
Ordering Information	VAPCare Unit Collection Container Kit (Accessories) Catalogue Number: F1-01-000-00-000 Catalogue Number: F1-01-F00-00-000

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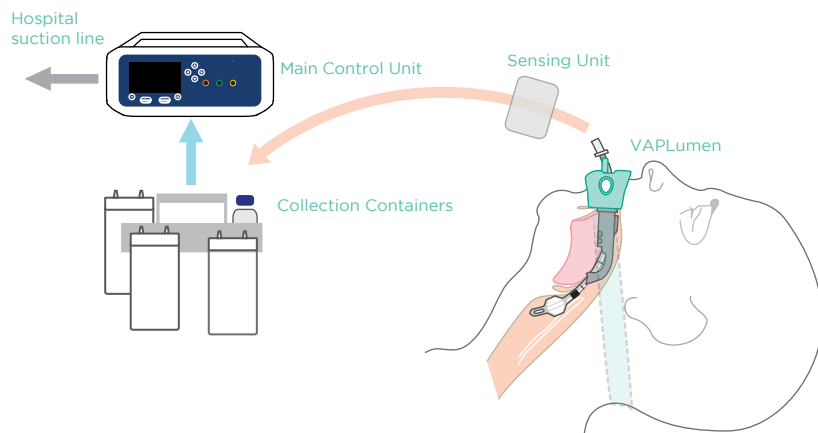
Main Control Unit



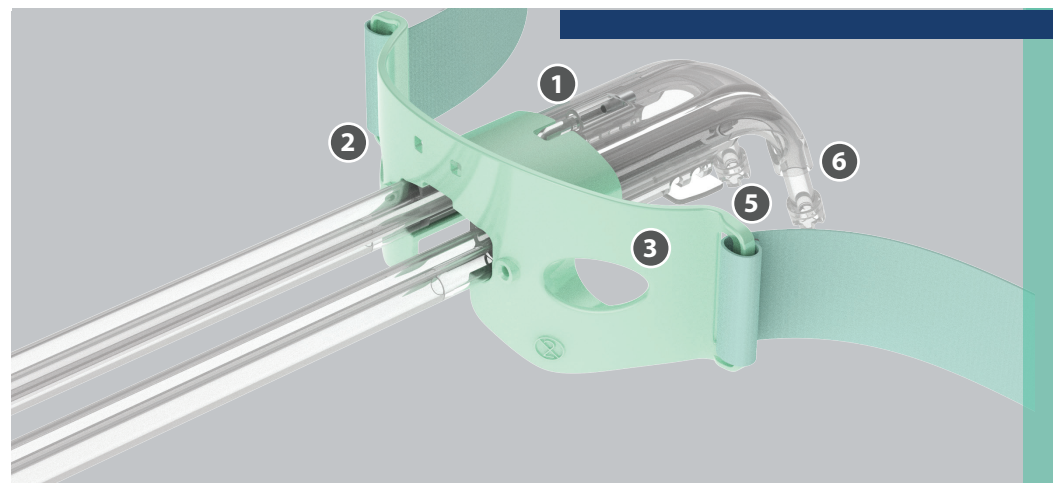
Device Features

- Independent channels for intermittent removal of secretions from oral, oropharyngeal, and subglottic regions
- User-defined suction frequency and independent pressure control
- Patented Sensing technology for secretion detection and controlled suction duration
- User-defined, time-based oral lavage
- Compatible with standard SSD (subglottic secretion drainage) endotracheal tube for removal of secretions from the subglottic region
- Tube occlusion detection and redressal
- User-friendly interface with a dedicated button for immediate suctioning / lavage
- Works with standard wall mounted suction line

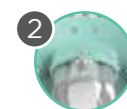
Device Connections



Features



Antibacterial sprinkler system to ensure delivery throughout oral cavity



Integrated bite blocker



Additional instrument ports in mouthpiece for insertion of Ryle's tube/orogastric tube, fiber optic scope



Independent colour coded channels for ease of use



Atraumatic tips in the oropharyngeal region and fins below oral ports to prevent mucosal injury



Adjustable lumen in the oropharyngeal region with graduated markings

Device Benefits

Intelligence

- Sensor-based, efficient secretion management
- Identification and mitigation of tube/port occlusions

Patient Safety

- Reduces risk of acquiring lung infections by providing consistent and effective secretion and oral hygiene management
- Post intubation application, without interfering with the process of ventilation
- Reduced mucosal injury

ICU Efficiency

- Ensures consistency and compliance to airway suctioning protocols
- Improves ICU efficiency by reducing staff time needed for manual suctioning