

Technical Specification

Ventilation Modes			
	VCV(A/C)	PCV(A/C)	PRVC SIMV(VCV)+PSV
	SIMV(PCV)+PSV	SIMV(PRVC)+PSV	SPONT/CPAP+PSV
	BIVENT+PSV	NIV/CPAP	NIV-T NIV-S/T
Parameters			
• Tidal Volume:	20~2000 ml		
• Respiration Rate:	1~80 bpm		
• Tinsp:	0.2~9 s		
• Tslope:	0~2 s		
• Tpause:	0~4 s		
• I:E Ratio:	1:10~4:1		
• FiO ₂ :	21%~100%		
• Trigger Sensitivity:	Pressure (-20~0 cmH ₂ O, above PEEP) Flow (0.5~20 LPM)		
• PEEP:	0~35 cmH ₂ O		
• Psupport:	0~70 cmH ₂ O		
• Pinsp:	5~70 cmH ₂ O		
Special Procedures			
	Apnea Ventilation	Smart Suction	Manual Breath
	Insp/ Exp Hold	ETCO ₂ Measurement	
	Nebulization	Waveform Freeze	
Monitoring			
• Pressure Value:	Ppeak, Pplat, Pmean, Pmin, PEEP		
• Volume / Flow Value:	Vti, Vte, MV, MVspont		
• Time Value:	ftotal, fspont, I:E		
• Real Time Curves:	Pressure-Time, Flow-Time, Volume-Time waveforms Pressure-Volume, Volume-Flow, Flow-Pressure loops		
• Gas Monitoring:	FiO ₂ , ETCO ₂		
• Calculated Values:	Compliance(C) Resistance(R) MVleak RSBI WOB PEEPi		
Alarm			
	Paw high / low	MVe high / low	Circuit disconnect
	FiO ₂ high / low	Inspiration / Expiratory tidal volume low	
	High Respiration Rate	Apnea AC Failure	Nebulizer On
	Low Battery	Air /O ₂ supply down	High / Low PEEP
	Leakage out of range	Occlusion	
Technical Data			
• Screen:	12" TFT color touch screen (detachable)		
• Supply Gas:	O ₂ , 0.28~0.6 MPa		
• Power Supply:	AC100~240 V, 50 Hz/60 Hz		
• Communication Interface:	RS-232 Port, Nurse call Port, Ethernet Port		
• Dimension (WxDxH):	322 mm x 375 mm x 366 mm (Main Unit) 547 mm x 675 mm x 950 mm (Cart)		
• Weight:	12.5 kg (Main Unit) 25 kg (Cart)		



An Optimal Combination of Invasive and Noninvasive Ventilator

VG70 Ventilator

CE 0123

Superior Mobile ICU ventilator

- Comprehensive ICU ventilator including BIVENT and PRVC
- Compact, big capacity battery, no air compressor, intra-hospital mobility
- Flexible device configuration: equipped on a trolley, bed or ceiling pendant

Cost Effective Solution

- Unique metal-based, autoclavable, heated exhalation valve
- Built-in flow sensor, non-consumable design
- Upgradeable ventilation system software, with an available USB port



An Optimal Combination of Invasive and Noninvasive Ventilator

- As noninvasive ventilation is used increasingly in a wide range of clinical situations, we offer a dual solution
- VG70 combines the advantages of a flexible noninvasive ventilator with a full-featured invasive ventilator for the ICU

Optimal patient-ventilator synchrony, increase patient comfort

- The Unique Leak Compensation System - Keep precise control on the tidal volume of each breath delivered to the patient by adjusting compensation dosage automatically
- Advanced Trigger Technique - Enhance sensitivity, avoid spurious triggering

Auto-detect and Adjust Leak Compensation

Automatically Adapt to Patient's Breathing Pattern

Multi-parameter Monitoring

Safe Ventilation Through Whole Treatment Phase

Initial Treatment Phase

- Noninvasive ventilation mode associated with decreased intubation rates, shortened patient stays, improved patient comfort, and a reduced risk of cross infection
- Preset patient's height and IBW. Reduce clinician's workload

Stable Condition Phase

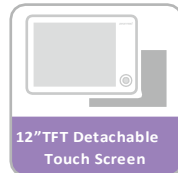
- PRVC and BIVENT employ lung-protective strategies, delivering intelligent ventilation
- Comprehensive lung mechanics monitoring include compliance, airway resistance, PEEP_i and time constant
- Three waveforms & three loops with user-friendly display provide a continuous monitoring of the patient's condition

Weaning Phase

- Various ventilation modes enhance the weaning process
- The unique trigger and leakage compensation system safeguards each and every patient breath resulting in smooth and comfortable breathing, avoiding extra workload on the patient and promoting recovery
- RSBI and WOB provide accurate reference for weaning

Rehab Phase

- Data export port provides connection to hospital monitors and Patient Data Management Systems
- Provides pressure support for the patient when spontaneous breathing is present



To: Ministry of Health the Republic of Maldives

Date: March 30, 2020

Price Quote VG70

Product	Quantity	Price per unit	Total Price (USD)
VG 70	100	\$ 58, 500	5,850,000
Shipment	1	0.07 of total deal value	409,500
Total			6,259,000

- The product will leave the factory on 12th of April , 100 units in 1 shipment

Method of payment:

T/T 50% of the total goods value must be paid in advance with signature of the contract, the balance 50% prior to the shipment from factory and advise confirming readiness to ship.

Limitation and liability:

Regardless of whether any remedy herein fails of its essential purpose, in no event will either CORALCO or the customer be liable for any incidental, special, or consequential damages arising out of or relating in any way to this proposal, the equipment and the use thereof, or the services (including, without limitation, damages for lost information, lost savings, lost profits or business interruption), even if other party has been informed, is aware, or should be or has been aware, of the possibility of such damages. In no event will either CORALCO or the customer be liable in damages or otherwise in excess of this proposal. Liability for damages will be limited and excluded, even if any exclusive remedy provided for in this proposal fails of its essential purpose.

BANK TRANSFER DETAILS:

Discount Bank

Account Name: Coralco Tech

Account Number: 11-147-0137752980

IBAN: IL100111470000137752980