

Product overview

- 1 360° visible alarm
- 2 Collapsible touching display
- 3 One-hand operative valves
- 4 Multi-function configurable pillar
- 5 Single & dual cylinder compatible



Single limb
Non-invasive ventilation (NIV)



Dual limb
Invasive ventilation



iHope RV 200 Ventilator
Turbine Based

Imported & Distributed by:
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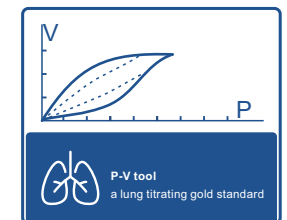
Turbine base Ventilator

12.1 inch TFT Touch Screen



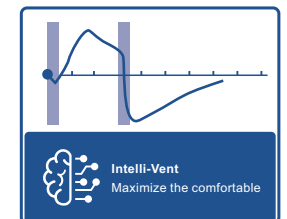
P-V tool

Giving an optimized PEEP will help the patient a lot in keeping the lung robust. P-V tool is the gold standard. With resvent unique technology and advance platform, a precise lung titration becomes to possible.



Intelli-Vent

For those patients with spontaneous breath, giving a synchronized ventilation support is significant. With world level synchronization algorithm, Intelli-Vent deliveries a state of art ventilation performing.



iHope RV 200 Ventilator

Turbine Based

DATASHEET



Physical Specifications

Specifications	
Dimensiones (L*W*H)	336mm * 330mm * 345mm 664mm * 600mm * 1310mm (con carro)
Peso	Aproximadamente 9.9kg (Main unit) , Approximately 41.0kg (con carro)

Display

Specifications	
Display Size	12.1inch–TFT Touch Screen
Display Resolution (H) x (V)	1280*800pixels
Brightness	Adjustable

Ventilation Specifications

Specifications	
Patient Type	Adult, Pediatric, Neonatal (Optional)
Invasive Ventilation Mode	•VCV (Volume Control Ventilation) •PCV (Pressure Control Ventilation) •VSIMV (Volume Synchronized Intermittent Mandatory Ventilation) •PSIMV (Pressure Synchronized Intermittent Mandatory Ventilation) •CPAP/PSV (Continuous Positive Airway Pressure/Pressure Support Ventilation) •PRVC (Pressure Regulated Volume Control) •V+SIMV (PRVC+SIMV) •BPAP (Bilevel Positive Airway Pressure) •APRV (Airway Pressure Release Ventilation) •Apnea Ventilation
Non-invasive Ventilation Mode	•PCV (Pressure Control Ventilation) •CPAP/PSV (Continuous Positive Airway Pressure/Pressure Support Ventilation) •BPAP (Bilevel Positive Airway Pressure) •APRV (Airway Pressure Release Ventilation) •PSIMV (Pressure Synchronized Intermittent Mandatory Ventilation)



Controlled Parameters

Specifications	Adult	Pediatric, Neonatal (Optional)
O2%	21–100%	21–100%
VT (Tidal Volume)	100–2000mL	2–300mL
f	1–80bpm	1–150bpm
f–SIMV	1–80bpm	1–150bpm
I:E	1:10 –4:1	1:10 –4:1
T–insp.	0.2–10s	0.10–10s
T–slope	0–2s	0–2s
T–high	0.2–30s	0.2–3s
T–low	0.2–30s	0.2–30s
T–pause	5%–60% , Off	5%–60% , Off
Insp Pressure	5–80cmH2O	3–60cmH2O
Δ P–supp.	0–80cmH2O	0–60cmH2O
P–high	0–60cmH2O	0–60cmH2O
P–low	0–45cmH2O	0–25cmH2O
PEEP	1–45cmH2O , Off	1–25cmH2O , Off
Flow Trigger	0.2–20L/min	0.2–20L/min(Pedi á trico) 0.1–10L/min(Neonatal)
Pressure Trigger	–20 –(–0.1)cmH2O	–20 –(–0.1)cmH2O (Pedi á trico)
Exp%	10–85% , Auto	10–85% , Auto
Insp Flow	6–150L/min	2–100L/min

Apnea Ventilation

Specifications	
VT–apnea	Adult: 100–2000mL Pediatric: 20–300mL Neonatal: 2–300mL (Optional)
Δ P–apnea	5–60cmH2O
f–apnea	1–80bpm
Apnea T–insp.	0.2–10s

Sigh

Specifications	
Sigh Switch	On, Off
Interval	20s–180min
Cycles Sigh	1–20
Δ int.PEEP	0– 45 cmH2O , Off

Synchronized Tube Resistance Compliance

Specifications	
Tube Type	ET Tube, Trach Tube, Disable STRC
Tube I.D.	Adulto: 5.0–12.0mm Pediatric: 2.5–8.0mm
Compensate	0–100%
Expiration Compensation Switch	Encendido apagado

Monitored Parameters

Numeric		
Paw	Vte	Ri
P–peak	Vti	C–dyn.
P–plat.	Vte–spn.	C–stat.
P–mean	VTe/IBW	RC–exp.
PEEP	FiO ₂	WOB

MV	f-total	RSBI
MV-leak	I:E	Continuous Flow (O ₂ Therapy)
MV-spn.	Re	Volumetric CO ₂

Real Time Graphics	
Pressure-time Waveform	Pressure-volume Loop
Flow-time Waveform	Flow-time Loop
Volume-time Waveform	Pressure-flow Loop

Alarm Settings

Specifications	Type	Adult	Pediatric	Neonatal
Tidal Volume	High	110-4000mL, Off	25-600mL, Off	4-600mL, Off
	Low	50-4000ml, Off	10-600mL, Off	1-590mL, Off
Minute Volume	High	0.2-100.0L/min	0.2-60.0L/min	0.12-50.0L/min
	Low	0.1-50.0L/min	0.1-30.0L/min	0.02-30.0L/min
Airway Pressure	High	10-65cmH ₂ O	10-65cmH ₂ O	10-65cmH ₂ O
	Low	10-63cmH ₂ O , Off	Off , 10-63cmH ₂ O	Off , 10-63cmH ₂ O
Frequency	High	1- 90bpm , Off	1- 90bpm , Off	1~160bpm , Off
	Low	1- 88bpm , Off	1- 88bpm , Off	1~158bpm , Off
O ₂ Concentration	High	20-100%	20-100%	20-100%
	Low	18-98%	18-98%	18-98%
Apnea Alarm Time	Low	5-60s	5-60s	5-60s

O₂ Therapy

especificación	O ₂ %	Flow
Controlled Parameters	21-100% (increments of 1%)	4-60L/min
Controlled Accuracy	± (3vol.% +1% of setting)	± (2L/min+10% of setting) (BTPS)

Trend & Record

especificación	
Type	Tabular, Graphic
Store events	72 hours
Content	Monitor Parameters
Max Log	20000
Screen Capture	500

Environmental Specifications

Specifications	Operating	Storage and transport
Temperature	5-40℃	-20 - 60℃ , O ₂ Sensor: -20 - 50℃
Relative Humidity	10-95%	10-95%
Barometric Pressure	62-106kPa	50-106kPa

Gas Supply

Specifications	
Gas Supply	Medical-grade Oxygen
Pipe Connector	NIST or DISS
Gas Supply Pressure	280-600kPa

Power & Battery Backup

Specifications	
External AC Power Supply Input Voltage	100-240V
Input Frequency	50/60Hz
Input Current	2.5A Max

Fuse	T3.15AH/250V
Number of Batteries	One or Two (Optional)
Battery Type	Build-in Lithium-ion Battery, 14.4VDC, 6900mAh
Battery Running Time	3 hours (1 Qty Battery)
	6 hours (2 Qty Battery)

Communication interface

Specifications	
Interface de comunicaci ó n	HDMI, Rs232, USB, Nurse call, CO2 Module connector, SPO2 Conector de m ó dulo

Value Added Functions

Specifications		
100%O ₂ (more than 2 mins)	Nebulization	PEEPi
Indique las horas totales de uso	Manual Breath	P0.1
Indicar la bater í a	Inspiratory Hold	NIF
PV Tool	Expiratory Hold	Automatic Adjustment

Accessories

Description	
Reusable Dual-limb adult&pediatric breathing circuit (RX18110301)	Mask (Large) (RX18110304L)
Disposable Dual-limb adult&pediatric breathing circuit (RX18110302)	Mask (Medium) (RX18110304M)
Disposable single-limb adult&pediatric breathing circuit (RX18110303)	Mask (Small) (RX18110304S)
Reusable Dual-limb neonatal breathing circuit(RX18110304)	Test lung (RX1811030308)
Humidifier (RX18110305)	Temperature sensor(RX18110305T)
Disposable adult&pediatric chamber(RX18110305H)	Oxygen sensor(RX1811030309)
Trolley 1 (RX18110306)	Extra Battery(RX1811030310)
Trolley 2 (RX18110306a)	Support arm(RX18110307)
Nebulization Kits (RXNEB01)	Flow Sensor(RXFL01)
Mainstream ETCO ₂ (RXC500)	Sidestream ETCO ₂ (RX300)

