



Ventilator Ventour

Turbine Based



Dual limb

Neonatal ventilation interface



Dual limb

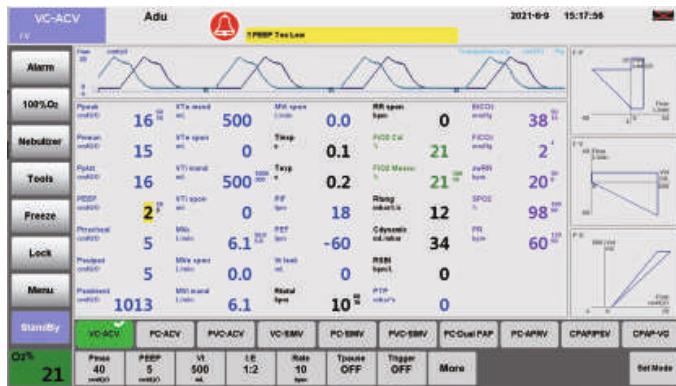
Invasive ventilation

Turbine base Ventilator

15.6/18.5 inch TFT Touch Screen



Ventour
Ventilator



Neonatal sensor (optional accessories)

The minimum tidal volume is 2ml. It is suitable for newborns and even premature infants to avoid barotrauma;

Meet the needs of patients of different ages, provide individualized treatment, more accurate and safer.

Standard ETCO₂ and SpO₂ interfaces

ETCO₂ showed the concentration of CO₂ in blood during ventilation, reflecting the effect of ventilation; It is an important index to judge hyperventilation or hypoventilation.

SpO₂ can directly Visual display the concentration of blood oxygen; It is an important index to judge the function of ventilation and air change.

Double index real-time monitoring at the same time, more convenient, more intuitive, more secure.

- With electronic microprocessor controlled by volume and pressure to fit for all types of patients from Neonates , Pediatrics to Adults.
- Both invasive and non-invasive modes make the unit wide applications.
- Integrated self-check system with leak check and system tightness to secure the ventilation result - POST: Power On self test).
- Automatic leakage compensation by the unit provides is giving to optimize respirator settings
- Two Lithium batteries guarantee the unit usage up to 6 hours. Manual settable Inspiratory pause from 0.1-6seconds.
- The unit is with automatic triggers adjustment both on flow trigger and pressure trigger.
- The unit is with measurement of volumetric capnography of CO₂ (ETCO₂, measurement function)
- AMV mode can minimize the work of breathing under the target minute ventilation.



High and low pressure oxygen interface

The low pressure oxygen interface can be connected to the hyperbaric oxygen cylinder or the central oxygen supply, so that the ventilator can provide sufficient oxygen for patients when ensuring the breathing of mild and severe patients, so as to improve the oxygenation of patients.

The independent low-pressure oxygen interface can be connected to the oxygen pillow or small oxygen bottle to facilitate the hospital transportation and ensure the safety of patients.



Controlled Parameters (O2 Therapy)

	Range	Unit
Continuous Flow	2.0 to 50.0	L/min
O2 Concentration	21 to 100	%
Pmax	10 to 95	cmH20

Monitored Parameters

Paw	Mvi spon	FiO2
P-peak	Vte	Rlung
P-plat	Vte spon	Cdynamic
P-mean	Vti	PTP
PEEP	Vti spon	EtCO2
PIF	Rtotal	FiCO2
PEF	RR spon	awRR
Mve	I:E	SPO2
Mve spon	Tinsp	PR
Mvi	Texp	

Real Time Graphics

Pressure-time Waveform	Flow-Pressure Loop
Flow-Time Waveform	Flow-Volume Loop
Volume-Time Waveform	Pressure-Volume Loop
ETCO2-Time Waveform	Flow-Pressure Loop
SPO2-Time Waveform	

Alarm Settings

	Type	Adult	Pediatric	Neonatal
Tidal Volume	High	2-2500mL	2-1000mL	2-500mL
	Low	0-4999mL	0-999mL	0-499mL
Minute Volume	High	0.2-100.0L/min	0.2-60.0L/min	0.2-40.0L/min
	Low	0.1-99.9L/min	0.1-59.9L/min	0.1-39.9L/min
Paw	High	0-98cmH2O	0-98cmH2O	0-98cmH2O
	Low	-4-97cmH2O	-4-97cmH2O	-4-97cmH2O
Frequency	High	1-150bpm	1-150bpm	1-150bpm
	Low	0-149bpm	0-149bpm	0-149bpm
FiO2	High	19-100%	19-100%	19-100%
	Low	18-99%	18-99%	18-99%
Tapnea		15-60s	15-60s	15-60s

O2 Therapy

Specifications	O %	Flow
Controlled Parameters	21-100% (increment of 1%)	0-50L/min
Controlled Accuracy	± (3vol.% +1% of setting)	±(2L/min +10% of setting) (BTPS)

Trend & Record

Specifications
Type
Length
Content
Event Log

Display

Display size	15.6 in diagonal, 18.5" optional
Display Type	Active matrix color TFT LCD
Display resolution	SVGA resolution, 1366 x 768

Patient Type

Adult, Child, Newborn

Monitoring

Real-time waveforms: Paw, Flow, Volume, ETCO2, SPO2
Optional: Co2, SPO2 (related Parameters)
Loops: P-V, V-Flow, Flow-P
Trends: 1s, 5s, 1min, 10min, 30min, 60min

Ventilation Modes

A/C-VCV	SIMV-VC
A/C-PCV	SIMV-PC
A/C-PRVC	SIMV-PRVC
CPAP-VG	APRV
CPAP/PSV	BIPAP
NIV	IV

Parameter setting	5 to 2000mL (2 to 2000ml optional)
Tidal volume (Vt)	

Rate	1 to 100bpm
PEEP/CPAP	0 to 50 cmH2O
Oxygen	21 to 100%
I:E ration	1:10 to 4:1
Inspiratory time (TI)	0.2 to 5s
Flow Trigger	0.2 to 15 l/min
Pressure trigger	-0.5 to -20cmH20
Pressure Control	5 to 90 cmH20
Pressure Support	0 to 90 cmH20, added to PEEP/CPAP
Pressure ramp	0 to 2s
Apnea absence	10 to 30s

Expiratory trigger sensitivity (ETS):

OFF, 5 to 90% of inspiratory peak flow

Peak flow Spontaneous: > 210 L/min

Ventour is an I.C.U. Ventilator for the treatment of patient with dyspnea. It is suitable for adults, children, and newborns. And there are two ventilation modes: non-invasive ventilation and invasive ventilation, Ventour has a variety of ventilation modes, which can be applied to patients with different diseases. Ventour uses a high-quality turbine inside, which can provide sufficient pressure to the ventilator and has the advantage of low noise.

Equipped with 5200mAh battery
Prepare it with fully for mobile use.

Special Functions

Manual breath, O2 therapy, standby, screen-lock inspiratory hold, expiratory hold, sigh, ATC, RSB Compliance. p0.1, calibrate, nebulizer, O2 suction.

Physical Dimensions

Weight	< 45.3 kg
Main unit dimensions (WxHxD):	

Approx. 600x402x415mm



Registered Address: Ground Floor Plot no -183 Pocket N, Sector-

2, DSIIDC, DSIIDC Industrial Area, North West, Delhi, 110039

Work Address: Industrial Unit - 39 Block- B, Sector- 63 Noida

Gautam Buddh Nagar, Uttar Pradesh-201301

Service Helpline
18008894232

