

V730i

The Smartest Ventilator



Advanced Compressor-based Technology



Adult, Pediatric and Infant Patient Inclusions



Linear Motor flow control valves for High levels of Precision



15" Touch Screen with Tilt and Swivel adjustment



Smart humidifier integration for a single point of settings and alarm access



A Revolutionary Medical Device Operating System

Future-Proof Technologies



Over the Air Updates

New features and performance improvements, UI and usability enhancements on your device, updated over WiFi.



Powered by HorizonView

Experience seamless remote monitoring of V730i from any device, anywhere by simply connecting the ventilator to Wi-Fi.



Request a Callback

Unparalleled convenience, where you get support from our expert team by simply clicking on 'Request a Callback' button.



Expansion Slots

Highly modular design to integrate and upgrade the device with 7 hardware expansion ports.



Made in India, for the World

We take immense pride in building Smart Medical Devices and Digital Platform in India that transcend borders and impact lives Worldwide.

Technical Specifications

Parameter Category	Parameter	Specifications
Ventilation General	Patient Range	Adult/Pediatric/Infant
	Bias Flow	Adaptive (>3 l/ min)
	Gas Delivery System	Microprocessor Controlled Valves
	Maximum Airway Pressure	119 cmH ₂ O
	Trigger Type	Flow and Pressure
	Inspiratory Flow Range	0 to 240 l/min
Networks & Communication	WiFi	Yes
	LTE	Optional
Expansion Slots	Future Modules	4 x RS-232C Ports
	USB	2 x USB (Data Transfer)
	Ethernet	1 x HL7
Smart Features	Over the Air Updates	The device can receive software updates remotely over wifi, without the need for manual intervention or physical access to the device
	Request a Callback	Initiate direct contact with Noccarc's expert support team by clicking on the 'Request a Callback' button on the screen.
Invasive Modes	Assist Control	PC
		VC
		PRVC
	Advanced	SIMV (PC) + PS
		SIMV (VC) + PS
		SIMV (PRVC) + PS
		APRV
	Support	PS/CPAP
		VS-VC
		VS-PRVC
Non-Invasive Modes		NIV/PS
		DualPAP
		HFOT
Maneuvers	Static Assessment	Inspiratory Hold Expiratory Hold
	O ₂ Boost	Yes
	Suction Support	Yes
	NIF	Yes
	P0.1	Yes

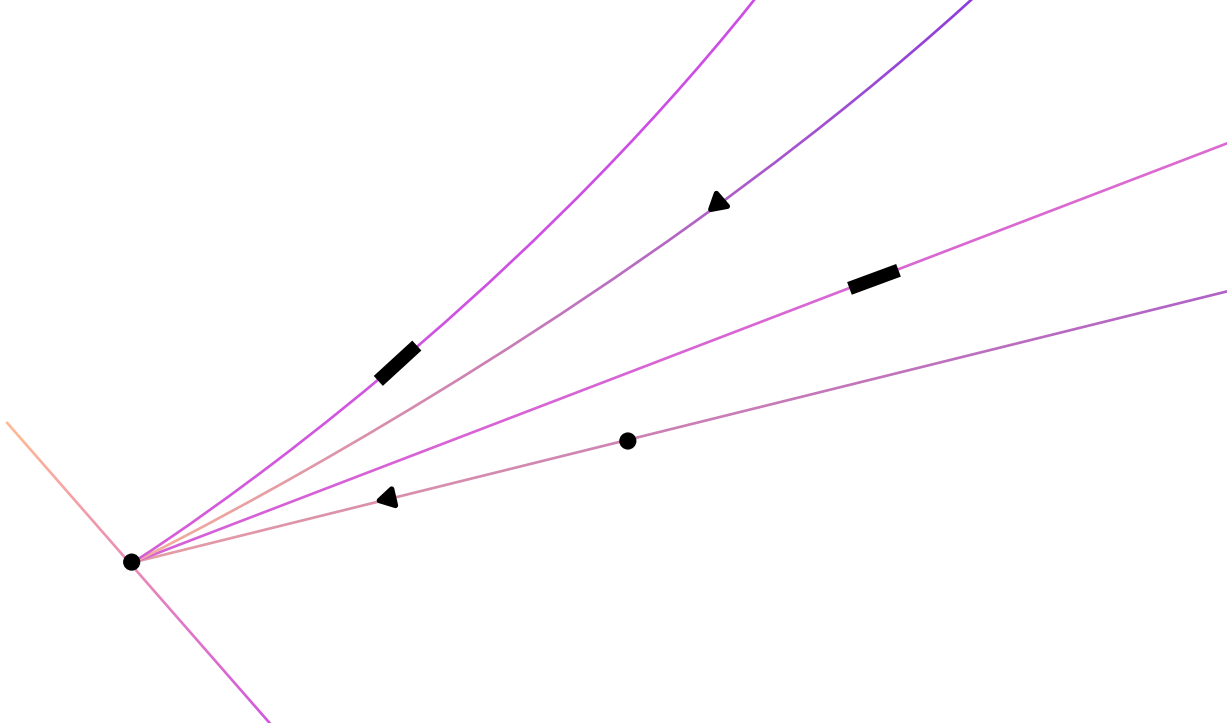
Parameter Category	Parameter	Specifications
Additional Features	Nebulizer	Ultrasonic (Inspiratory Synced)
	Smart Humidifier	Integrated with the UI of ventilator for a single point of settings and alarm access.
	Capnography	Optional
	Pulse Oximetry	Optional
	HDMI	1 x HDMI (Screen Mirroring)
Ventilation Settings	Leakage Compensation	Yes
	ATC	Yes
	Barometric Compensation	Yes
Controlled Parameters	VT	Adult : 100-4000 ml Pediatric : 15-350 ml
	P _{insp} abv PEEP	0- 120 cmH ₂ O
	IPAP	0-120 cmH ₂ O
	PEEP	1-50 cmH ₂ O
	EPAP	1-50 cmH ₂ O
	Phigh	8-120 cmH ₂ O
	P _{low}	1-18 cmH ₂ O
	PS abv PEEP	0-120 cmH ₂ O
	PS abv Phigh	0-120 cmH ₂ O
	PS abv P _{low}	0-120 cmH ₂ O
	RR	Adult: 4 - 100 b/min Pediatric: 4-150 b/min
	T _{high}	0.2-30 s
	T _{low}	0.2-30 s
	FiO ₂	21-100 %
	Apnea	1-60 s
	I:E	1:10 - 10:1
	T _{pause}	0-30 %
	T _{rise}	0-20 %
	Trigger Sensitivity	Flow Trigger: 0-10 l/min
		Pressure Trigger: 0 - (-10) cmH ₂ O
	End Insp	1-70 %
	Sync Window	10-50 %
	Flow Slope	0-100 %
	Flow Rate	1-100 l/min
	T _i ⁺	Calculated based on Controlled Paramters
	Max Flow ⁺	Calculated based on Controlled Paramters
	MV _e ⁺	Calculated based on Controlled Paramters
Monitored Parameters	PiP	1-120 cmH ₂ O
	P _{plat}	1-120 cmH ₂ O

Technical Specifications

Parameter Category	Parameter	Specifications
Monitored Parameters	Pmean	1-120 cmH ₂ O
	PEEP	1-50 cmH ₂ O
	Flow Rate	1- 120 l/min
	MV _i	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	MV _e	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	MV _e sp	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	VT _i	Adult: 100-4000 ml
		Pediatric: 10-350 ml
	VT _e	Adult: 100-4000 ml
		Pediatric: 10-350 ml
	Flow _{ee}	0-120 l/min
	FiO ₂	21-100 %
	RR	Adult: 1-120 b/min
		Pediatric: 1-120 b/min
	RR sp	Adult: 1-120 b/min
		Pediatric: 1-120 b/min
	Ti	0-60 s
	Te	0-60 s
	I:E	1:10-10:1
	Leakage	-
	Auto PEEP	0-50 cmH ₂ O
	Cstat	0-300 ml/cmH ₂ O
	Cdyn	0-300 ml/cmH ₂ O
	WOB _{pat}	0-100 J
	WOB _{vent}	0-100 J
	E	3 - 1000 cmH ₂ O/l
	P0.1	0 - 120 cmH ₂ O
	NIF	0 - 120 cmH ₂ O
	RSBI	0.25 - 4000 b/min/l
	TV : PBW	0 - 60 ml/kg
	TV : BW	0 - 60 ml/kg
Power Supply	Power Supply	200–240 V AC, 1 A, 50–60 Hz
	Battery Backup	4 Hours
Operating Conditions	Temperature	+10 to +40 °C
	Humidity	15 to 95% Non-Condensing

Category	Parameter	Specifications
Physiological Alarms	Airway Pressure	High
	Tidal Volume	High/Low
	Respiratory Rate	High/Low
	PEEP	High/Low
	FiO ₂	High/Low
	Expiratory Minute Volume	High/Low
	Leakage	High
	Patient Circuit Disconnected	Yes
	Flow Rate	High/Low
Technical Alarms	Volume Delivery Restricted due to Pressure Limitation	High/Low
	Oxygen Supply Pressure	High/Low
	Air Supply Pressure	High/Low
	Gas Pressure	High/Low
	Ventilator currently running on Battery	Yes
	Humidifier Temperature Probe Error	Yes
Safety & Failsafe	Battery Low	Yes
	Airway Pressure Safety Limit Reached	Yes
	Severe Occlusion Detected	Yes
Display	Screen	15" LCD Touchscreen
	Waveforms	Pressure
		Flow
		Volume
	Loops	Pressure - Flow
		Flow - Volume
		Volume - Pressure
		3 Referencing Loops
	Lung Recruitment Tools	Yes - Loops
Accessories	Lung Mechanics Visualization	Yes - Loops
	Servo Humidifier	Optional
	Smart Humidifier	Optional
Data Storage & Export	Medical Air Compressor	Optional
	Logs	Technical alarms, Physiological alarms, Operational logs and Patient History
Gas Supply	Data Backup	Up to 240 hours
	Inlet Gas Pressure (Air/O ₂)	280-600; 2.8 to 6.0; 41-87 psi

The V730i goes beyond these specifications! Secure your investment today and witness the V730i's evolution through seamless OTA updates.



Transforming Critical Care with Smart Medical Devices



Certified
ISO 13485:2016



Certified
ICMED 13485

BIS

A/F BIS Certification



Listed on
Government E-Marketplace

CDSCO

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Scan to know what V730i will
evolve into!

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