



# 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 <sub>2</sub> 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 Noccoarc'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 <sub>2</sub> Boost	Yes
	Suction Support	Yes
	NIF	Yes
	P0.1	Yes

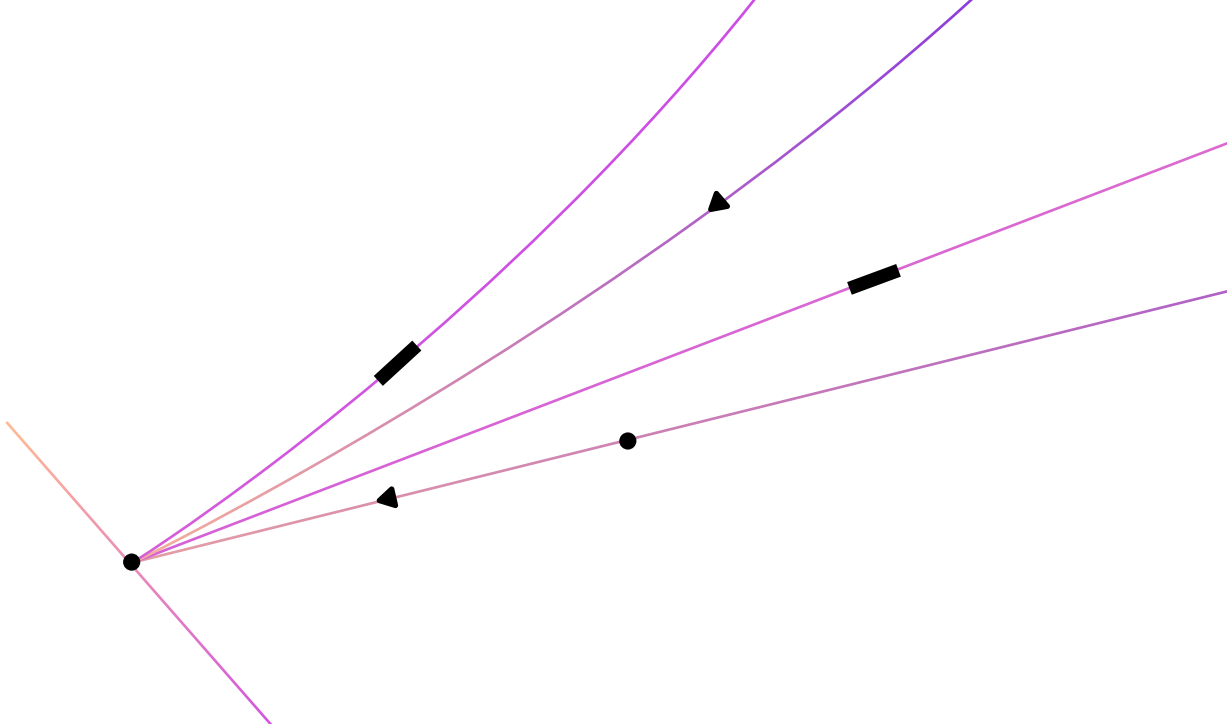
Parameter Category	Parameter	Specifications
Additional Features	Nebulizer	Ultrasonic (Inspiratory Synced)
	Smart Humidifier	Integrated with the UI of ventilator for a single point of settings and alarm access.
	Capnography	Optional
	Pulse Oximetry	Optional
	HDMI	1 x HDMI (Screen Mirroring)
Ventilation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

# Technical Specifications

Parameter Category	Parameter	Specifications
Monitored Parameters	Pmean	1-120 cmH <sub>2</sub> O
	PEEP	1-50 cmH <sub>2</sub> O
	Flow Rate	1- 120 l/min
	MV <sub>i</sub>	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	MV <sub>e</sub>	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	MV <sub>e</sub> sp	Adult: 0-60 l/min
		Pediatric: 0-60 l/min
	VT <sub>i</sub>	Adult: 100-4000 ml
		Pediatric: 10-350 ml
	VT <sub>e</sub>	Adult: 100-4000 ml
		Pediatric: 10-350 ml
	Flow <sub>wee</sub>	0-120 l/min
	FiO <sub>2</sub>	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 <sub>2</sub> O
	Cstat	0-300 ml/cmH <sub>2</sub> O
	Cdyn	0-300 ml/cmH <sub>2</sub> O
	WOB <sub>pat</sub>	0-100 J
	WOB <sub>vent</sub>	0-100 J
E	3 - 1000 cmH <sub>2</sub> O/l	
P0.1	0 - 120 cmH <sub>2</sub> O	
NIF	0 - 120 cmH <sub>2</sub> 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 <sub>2</sub>	High/Low
	Expiratory Minute Volume	High/Low
	Leakage	High
	Patient Circuit Disconnected	Yes
	Flow Rate	High/Low
	Volume Delivery Restricted due to Pressure Limitation	High/Low
Technical Alarms	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
	Battery Low	Yes
Safety & Failsafe	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
	Lung Mechanics Visualization	Yes - Loops
Accessories	Servo Humidifier	Optional
	Smart Humidifier	Optional
	Medical Air Compressor	Optional
Data Storage & Export	Logs	Technical alarms, Physiological alarms, Operational logs and Patient History
	Data Backup	Up to 240 hours
Gas Supply	Inlet Gas Pressure (Air/O <sub>2</sub> )	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

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Scan to know what V730i will  
evolve into!

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