

# SKANRESPIRO & SKANRESPIROplus



-  RADIOLOGY
-  MONITORING
-  CARDIOLOGY
-  ANAESTHESIA
-  VENTILATION
-  DENTAL
-  SURGERY
-  TELE SOLUTIONS
-  VETERINARY

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Skandray continuously upgrades its technology, performance and safety features. Pictures and specifications featured in this catalogue are only indicative. Please refer to the commercial offer document for specifications and performance.

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- AMSTERDAM
- BOLOGNA
- MEXICOCITY
- MICHIGAN
- MYSURU
- SAOPAULO
- SUZHOU



# CRITICAL CARE VENTILATOR

## Features

# SKANRESPIRO & SKANRESPIROplus

SkanRespiro and SkanRespiro Plus™ are modern, feature-rich, cost-effective and user-friendly ICU ventilators designed for best clinical outcomes in emergency and critical care setups. Built on a robust architecture, SkanRespiro ventilators ensure that the clinician has enough tools at his disposal to ventilate pediatric and adult patients with ease.



**PRANAA** (Optional)  
Medical Air Compressor



## Benefits



### Ventilation Modes

SIMV-PC+PS, SIMV-VC+PS, A/CMV-PC, A/CMV-VC, CPAP-PC, CPAP-VC, NIV-PC, BI-LEVEL\*, APRV\*, A/CMV-PRVC\*, SIMV-PRVC+PS\* & HFOT#.



### Alarms

Clear audio-visual alarms for various critical parameters with user-selectable alarm limits.



### Battery Back-up

SkanRespiro ventilators have built-in battery that provides best-in-class 3 hours battery backup.



### Waveforms & Loops

Pressure-Time, Flow-Time and Volume-Time waveforms for display with Pressure-Volume and Flow-Volume loops.



### Barotrauma Protection

Barotrauma protection is via both electronic and software cut-off. A mechanical cut-off is also provided as the third level safety.



### Quick Settings

This option lets the clinician to ventilate a patient in a matter of few seconds.

### Versatile Ventilator

With tidal volume starting from as low as 15ml and extending up to 2000ml, SkanRespiro is ideal for ventilating pediatric to adult patients.

### Ensuring Patient Safety Through

Dedicated safety system for electronic cut-off of pressure, pneumatic blow off or mechanical safety, inbuilt options for pressure limiting and all modes with inbuilt multiple alarm system.

### Additional Features

Panel lock, inspiration hold and expiration hold, freeze graph and inbuilt nebulizer port.

### Increased Efficiency of Scarce Clinical Resources

Intuitive & simple interface, simple menu design & mapping, quick settings for easy and fast ventilator setting, 16 parameter monitoring, single screen option to view all monitored parameters at the same time and circuit test for understanding circuit resistance and compliance.

### Compliance

SkanRespiro ventilators comply to IEC60601-1, IEC60601-1-2, IEC60601-1-6, IEC60601-1-8, IEC62304 & ISO 80601-2-12.

### Technical Specification

Gas Supply	40 to 87psi (2.75 to 6 bar)
Power Supply	100 - 240 VAC 50/60Hz
Volume Control Modes	A/CMV-VC, SIMV-VC, CPAP-VC
Pressure Control Modes	A/CMV-PC, SIMV-PC, CPAP-PC
Non-Invasive Mode	NIV-PC
Advanced Modes*	BI-LEVEL, APRV, A/CMV-PRVC, SIMV-PRVC+PS & HFOT#
Tidal Volume	15 to 2000 ml
Respiration Rate	1 to 100 bpm
Inspiratory Pressure	1 to 80 cmH <sub>2</sub> O
PEEP	0 to 50 cm H <sub>2</sub> O
Pressure Trigger	OFF, 0.5 to 10 cmH <sub>2</sub> O
Flow Trigger	OFF, 0.5 to 15 Lpm
Pressure Support	1 to 80 cmH <sub>2</sub> O
Peak Flow Rate	180 Lpm
Battery Backup Time	>3 Hours

#Optional Mode for SkanRespiro Plus  
\*Available only in SkanRespiro Plus

9" Display screen with intuitive interface

