

RESPIASSIST ADVANCE

Smart Ventilation, Safe Breath

[PLACEHOLDER: 3D DEVICE RENDER]

ISO 9001:2015 Certified

CDSCO Class B

Kyron Healthcare

Advanced Neonatal & Pediatric Care

The RespiAssist Series is a complete Non-Invasive Ventilation (NIV) solution designed for NICU and PICU environments. It combines precise electronic blending technology with a compact, energy-efficient design.

Intuitive Interface	5 inch Touch Display with rotating knob for easy control.
Uninterrupted Care	Up to 4 hours battery backup ensures safety during outages.
Real-Time Monitoring	Continuous measurement of FiO2, Flow, and Pressure.
Smart Blending	Advanced electronic air-oxygen blending (21-100%).
Safety First	Smart alarm system with color-coded audio/visual alerts.
Consistent Flow	Built-in medical-grade turbine (no wall air needed).

[PLACEHOLDER: NICU NURSE LIFESTYLE IMAGE]

Comprehensive Therapy Modes

Bubble CPAP	Stable flow delivery for lung expansion.
nCPAP	Constant pressure via nasal mask/prongs.
HFNC	Warmed, humidified oxygen at high flows.
nIPPV / nSIPPV	Synchronized pressure up to 40 cmH2O (Pro Only).

Clinical Benefits

- Reduces need for invasive ventilation (Intubation risk -40%)
- Minimizes volutrauma and barotrauma risks
- Enhanced patient-ventilator synchrony
- Compatible with RAM cannula & standard circuits

Technical Specifications

Parameter	Specification
Modes	nCPAP, Bubble CPAP, HFNC/O2 Therapy
Display	5-inch Touch Display
Flow Range	4 - 60 LPM
FiO2 Range	21% - 100%
Pressure (PIP)	1 - 40 cmH2O
Power Supply	100-265V AC, 50/60Hz
Dimensions	271 x 164 x 216 mm
Safety	IEC 60601-1, Class 1 Type B, IP21

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