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BPL Medical Technologies unveils new ICU ventilator to strengthen critical care capabilities in hospitals

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Ventilator integrates clinical support tools including lung protection and weaning assessment parameters



BPL Medical Technologies, India's leading medical equipment brand with a 50-year legacy under the BPL Group, has announced the launch of the BPL Vent 300, a new ICU ventilator developed to support critical care teams with advanced respiratory management across adult, paediatric, and infant patients.

The launch comes at a time when hospitals across India are continuing to invest in stronger ICU preparedness, patient monitoring, and dependable respiratory support systems.

Designed for use in Intensive Care Units (ICUs), High Dependency Units (HDUs), emergency rooms, recovery centres, and step-down ICUs, the BPL Vent 300 combines advanced ventilation capabilities with a compact, clinician-friendly design.

The ventilator features a high-performance turbine capable of delivering up to 240 L/min peak flow, enabling operation independent of central gas supply. It also comes equipped with a 12.1-inch full-touch display, lightweight build of nearly 9 kg, and supports invasive, non-invasive, and High Flow Nasal Cannula (HFNC) ventilation modes for adult, paediatric, and infant patients.

The ventilator further integrates clinical support tools including lung protection and weaning assessment parameters such as P0.1, NIF, and RSBI, along with dynamic lung monitoring, lung recruitment manoeuvre support, PV Tool tracing, integrated nebulization, and auto leakage compensation during NIV therapy. To support hospital connectivity and uninterrupted care, the BPL Vent 300 offers WiFi, 4G, wired networking, HL7 protocol compatibility, USB data export, HDMI, RS232, nurse call interfaces, and an inbuilt lithium battery providing up to two hours of backup support during power interruptions. A 360-degree visual alarm system has also been incorporated to improve alarm visibility in busy ICU settings.