

Decision Support

Padus 8 features comprehensive decision support tools. Statistical function gives you an overview of patient conditions up to 72 hours. An update of daily development can thus be immediately executed. Through the unique timeline, previous events or interventions are easily identified. For deep analysis of regions of interest real-time information is immediately available in full resolution.



full resolution curve analysis in the unique trend tool

Decision support can be further enhanced by the special tools for lung mechanics, respiratory drive or inflection points identification of the pressure-volume space curve. All interventions saved in memory are easily identified on the unique timeline in the real clinical context. Data and graphic images are saved and always available for export to other media.

- From quick overview to deep analysis in one step.
- Your intelligence source for clinical analysis, research and teaching



esophageal measurement screen

Esophageal Catheter Measurement

Padus 8 will be your instrument to analyze the root cause of asynchrony, severe weaning problems and ventilator settings in severe ARDS. The esophageal catheter function contains tools to achieve an artefact-free location for the esophageal balloon. It also contains the necessary tools to determine lung pressure and the setting of PEEP.



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Padus 8 Ventilator

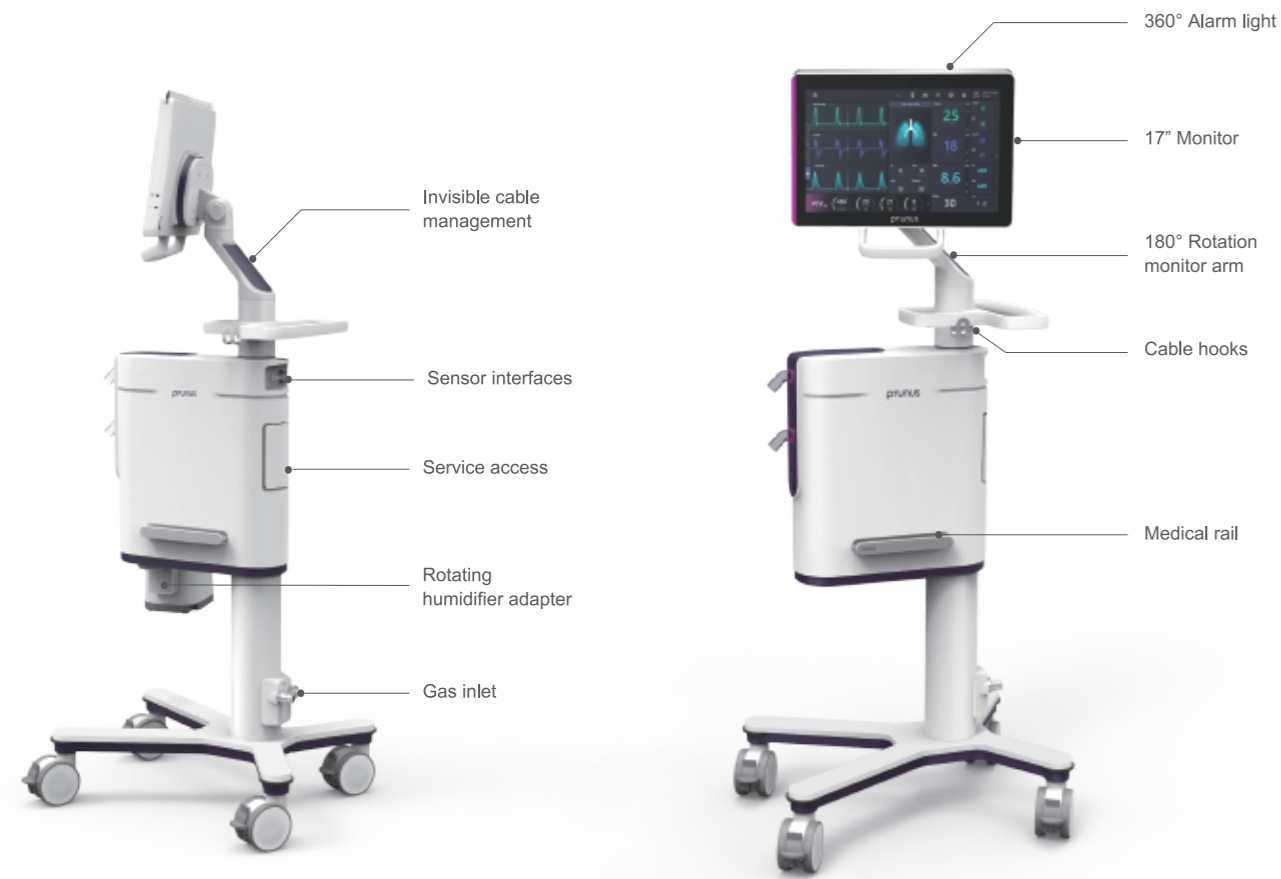
The Critical Care Solution



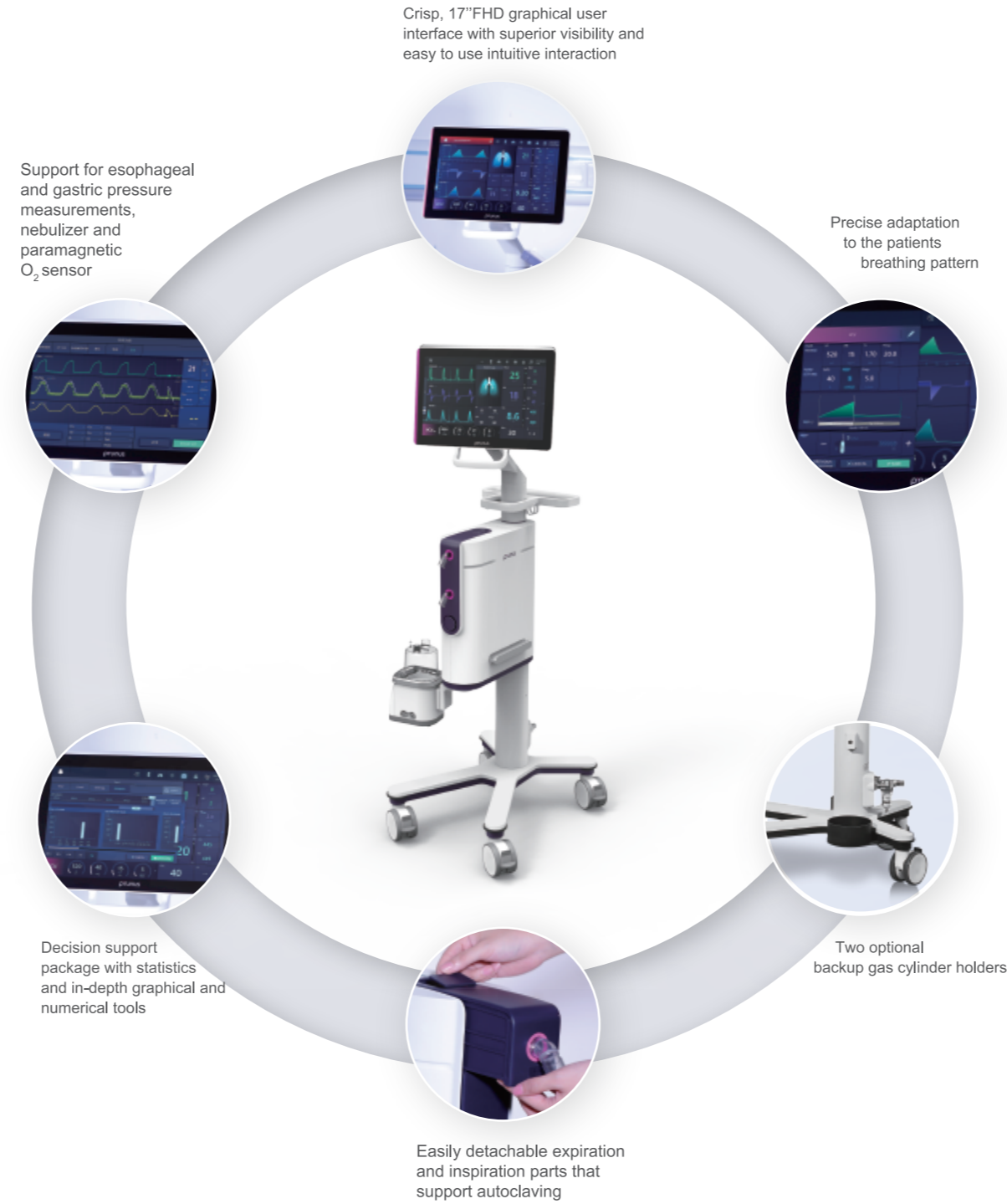
The Critical Care Solution

Padus 8 is the new experience in mechanical ventilation. Developed for the busy ICU it has a small footprint and unique usability. Padus 8 was designed and developed by an experienced international team of mechanical ventilation professionals. The result is a ventilator for all applications: adult, pediatric and infant, with excellent performance for both invasive and non-invasive ventilation.

The flexible design of Padus 8 allows a close positioning to the patient bed, while the high resolution 17" touch screen monitor can be brought into a very convenient position for the user.



Padus 8 Features



Communication at a Glance

Padus 8's high resolution user interface offers an intuitive, easy to use display. Crisp and well defined curve forms improve diagnostic assessment. The enhanced viewing capabilities support uninterrupted bedside work and safe at a glance monitoring. Curves, monitored values and respiratory loops can be easily adjusted to fit the clinical needs.

- Flexibility of monitoring with intuitive, easy to use interaction.
- High resolution display for improved diagnostic assessment.



mainscreen configuration setting

Feed-Back Adaptation for Improved Patient Interaction

Padus 8 advanced high speed processing and fine-tuned control of gas delivery supports the precise adaptation to each part of the individual breath. Whether you prefer a pressure based or flow based mode of controlled ventilation, the milli-second response of control will guarantee smooth adaptation to patient airway characteristics. The low resistance control algorithm during expiration is designed to avoid hyperinflation

and auto-PEEP. The broad coverage of invasive and non-invasive capabilities will allow easy transition from invasive assist to NIV, CPAP or even high-flow nasal cannula therapy. All in the same unique ventilator!

- Minimize hyperinflation and trigger delays by low resistant exhalation.

