



# Panda Warmer

ResusView\* ♥

At the heart of the golden hour

## At the heart of the golden hour

You and your team have the specialized skills to deliver positive outcomes for compromised infants. You deserve the best tools to support your practice. Panda™ Warmer ResusView™ solution provides the data you need for clinical confidence at that vital moment.

### Heart rate in 6 seconds\*\*

When seconds count, a continuous, fast and accurate heart rate assessment immediately after birth is critical to the correct guidance of resuscitation efforts. Neonatal resuscitation guidelines recommend the use of electrocardiogram (ECG) to acquire an accurate and continuous heart rate.<sup>1</sup> Studies have demonstrated that ECG is faster and more accurate than other existing methods.<sup>2</sup>

With ResusView, blood oxygen saturation level (SpO<sub>2</sub>) and ECG heart rate are integrated into your warmer. GE Healthcare isn't only helping you adhere to the latest guidelines for neonatal resuscitation, we're supporting your clinical practice by providing vital data when you need it – fast. ResusView ECG provides a heart rate within 6 seconds; whereas SpO<sub>2</sub> could take as long as 32 seconds to acquire a signal.<sup>3</sup>

**According to a survey conducted during premarket clinical product evaluations at two U.S. Medical Centers, 57% of respondents felt they were able to acquire a heart rate value quicker and easier with ResusView during a resuscitation event than with a stethoscope.\*\***

### Continuous, Fast and Accurate

When baby can't be with mom, the next best place is in your caring hands with the best tools at your fingertips. Assessing an infant's heart rate via periodic palpating of umbilicus or auscultation may produce an inaccurate assessment of heart rate<sup>2</sup> and doesn't provide continuous data. Also, pulse oximetry can underestimate the newborn's heart rate and could lead to unnecessary interventions.<sup>2</sup>

ResusView provides integrated SpO<sub>2</sub> capabilities, which is helpful in assessing the newborn's oxygenation, as well as integrated 3-lead ECG capabilities to acquire a heart rate. It also provides you with a convenient view of this data to make clinical decisions and allows you to focus your attention where it matters most in that vital moment – the baby.



## Integrated Solution

Simply designed to deliver the right tools and data in those critical moments. Panda Warmer is the only all-in-one infant resuscitation solution specifically designed to support clinical actions during resuscitation as recommended by current resuscitation guidelines in a single display view. Specifically designed to provide an easy view of the critical data you need. The rapid response benefits of the Panda Warmer ResusView are:



### Integrated

- The tools are in one spot with the Panda Warmer. Hopefully you won't need them, but they're there when you do.



### Turn-key

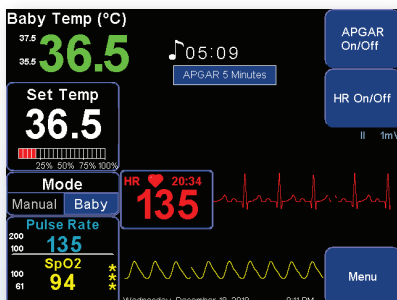
- Update your existing warmers with an upgrade kit and integrate into your existing workflow to help minimize staff training time.



### Clinical confidence

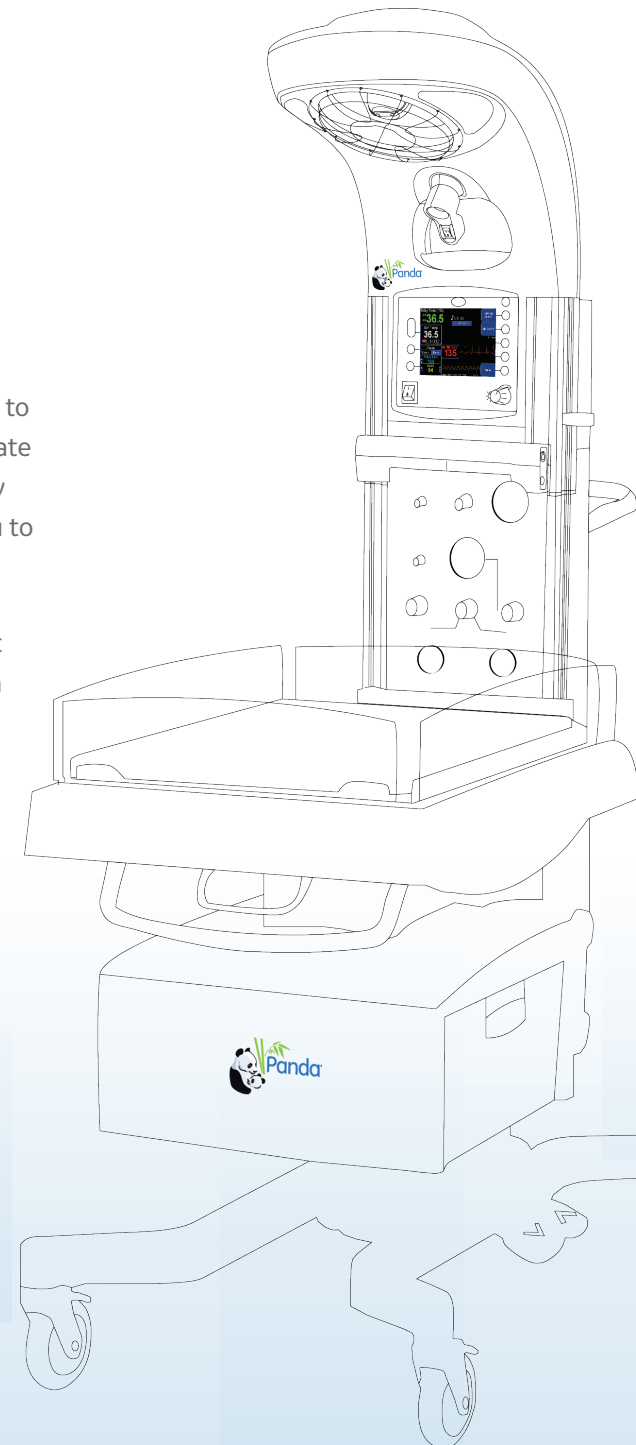
- Quickly get an accurate heart rate number and oxygenation data to help make informed decisions quickly. A continuous ECG heart rate number and waveform is viewable on the Panda Warmer display screen and user selectable audible heart rate tone will allow you to quickly hear the ResusView feature is detecting heart rate.

You give the world's newborns the best start at life and it's our job to support you. GE Healthcare's Panda Warmer ResusView solution supports your golden hour practices for clinical confidence in those vital moments.



**Panda Warmer ResusView screen with APGAR timer on with 5 min APGAR alert, SPO2 and ECG options on; warmer set to Baby Mode.**

According to a survey conducted during premarket clinical product evaluations at two U.S. Medical Centers, 73% of respondents felt they were able to acquire a heart rate value quicker and easier with ResusView during a resuscitation event than with a stand-alone physiological monitor.\*\*\*\*



## Summary of Specifications

- **Parameter:** ECG heart rate (HR)
- **Leadset available:** 3-leadwire
- **Heart rate range:** 30 to 300 beats/min
- **Heart rate Resolution:** 1 bpm
- **Heart rate:** on/off option; time-out after 30 minutes with manual resume option
- Heart rate accuracy:  $\pm 1\%$  or  $\pm 1$  bpm, whichever is greater
- **Time to initial heart rate:** With HR option turned ON, when the leads are placed on the patient, and waveform starts to display.
  - $\leq 4$  sec 240-295 bpm
  - $\leq 5$  sec 120-239 bpm
  - $\leq 6$  sec 60-119 bpm
  - $\leq 9$  sec 59-35 bpm

## Optional Accessories

- Neonatal ECG Leadwires (AHA & IEC)
- 3-Lead ECG Care Cables

## References

1. Weiner GM, ed. *Textbook of Neonatal Resuscitation*. 7th ed. Elk Grove Village, IL: American Academy of Pediatrics; 2016 American Academy of Pediatrics. Summary AAP/AHA 2015 Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care of the Neonate. [https://www.aap.org/en-us/Documents/nrp\\_guidelines\\_english.pdf](https://www.aap.org/en-us/Documents/nrp_guidelines_english.pdf).
2. Wyckoff MH, Aziz K, Escobedo MB, Kapadia VS, Kattwinkel J, Perlman JM, Simon WM, Weiner GM, Zaichkin, JG. Part 13: neonatal resuscitation: 2015 American Heart Association Guidelines Update for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. *Circulation*. 2015;132(suppl 2):S543–S560.
3. Katheria A, Rich W, Finer N. Electrocardiogram provides a continuous heart rate faster than oximetry during neonatal resuscitation. *Pediatrics*. 2012;130:e1177–e1181. doi: 10.1542/peds.2012-0784.

\* ResusView is only available on the Panda iRes Bedded Warmer.

\*\* 60-119 bpm

\*\*\* N=7

\*\*\*\* N=11



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