



## Transport solution for journeys within hospital

GE Healthcare has launched the Giraffe Shuttle transportable power source which, combined with its Giraffe® and Panda® families of incubators and warmers for newborn babies, enables them to be used for intra-hospital transport.

Combined with the beds, the Giraffe Shuttle helps babies focus their energy on healing and growing instead of on managing the stress caused by exposure to cold temperatures and excessive handling when being moved to and from a transport incubator.

Newborn babies can be placed directly into the optimised environment of Giraffe or Panda beds for transport to and from the NICU, as well as to other departments. This helps provide proper thermal regulation every step of the way.

Recharging in two hours, the Giraffe Shuttle provides up to 45 minutes of electrical power. It accommodates accessories and auxiliary equipment such as life support monitors, ventilators and infusion pumps.

Contact GE Healthcare, tel: 01707 263570, email: richard.sleath@ge.com

## Rapid, reliable test results at the point-of-care

For improved patient care, efficiency and economy, the new SMART point-of-care centre from Prospect Diagnostics allows key diagnostic tests to be performed in SCBUs, providing immediate results to support treatment decisions.

Compact, convenient and easy to use, SMART is a versatile desktop testing platform that has been specifically developed for use at the point-of-care. Requiring a heel prick sample, it delivers



precise results within minutes.

SMART offers an expanding range of key diagnostic tests used in the SCBU, including CRP, hsCRP and haemoglobin.

All SMART tests follow the same simple procedure and utilise single-use cartridges containing all the necessary reagents and controls.

The system uses the latest RFID (radio frequency identification) technology to automatically transmit test and QC details to the analyser which means that SMART automatically prepares for tests without any operator interaction – insert the RFID card, add a blood sample to the test cartridge, insert it into the analyser and press 'start'. Results are displayed, printed or downloaded within a few minutes and show excellent correlation with large-scale laboratory systems.

Prospect Diagnostics Ltd, tel: 01246 292955, email: customercare@prospectdiagnostics.co.uk

## Automatic control of blood oxygen levels

The CLiO<sub>2</sub> automated oxygen control function featuring Masimo SET® technology is the first closed-loop controller of its kind designed to regulate oxygen levels for premature infants on mechanical ventilation. It automatically adjusts the delivered oxygen concentration to keep the oxygen level in the blood within a safe range<sup>1</sup>. This software algorithm is an enhancement to the CareFusion AVEA® ventilator. The patient's oxygenation status is closely monitored and controlled at all times.

Use of the CLiO<sub>2</sub> feature results in more time in the target SPO<sub>2</sub> range, less hyperoxemia and fewer manual adjustments.

*CLiO<sub>2</sub> is not for sale in the U.S.*

### Reference

1. **Claire N., D'Ugard C., Bancalari E.** Automated adjustment of inspired oxygen in preterm infants with frequent fluctuations in oxygenation: a pilot clinical trial. *J Pediatr* 2009; **155**: 640-45.

Contact 01256 388599 or visit [www.carefusion.com](http://www.carefusion.com)



## Consistent and comfortable tidal volumes

The Fabian HFO from Acutronic combines 20 years of experience in neonatal ventilation with the latest technology.

High frequency oscillation with volume guarantee delivers consistent and comfortable tidal volumes to patients weighing up to 10kg. Fabian HFO works with the patient and the clinical setting to achieve an ideal balance of comfort and control.

Retaining all the standard modes of neonatal ventilation, it also offers nCPAP

and bi-level nCPAP in conjunction with single use products such as Inspire nCPAP.

Fabian HFO is a compact, lightweight ventilator with an easy to use, colour touch screen display making it ideal for use in the neonatal unit. A 2.5 hour battery makes it suitable for transport.

For information on the Fabian range, including the Inspire nCPAP consumables, contact Inspiration Healthcare Ltd, [info@inspiration-healthcare.co.uk](mailto:info@inspiration-healthcare.co.uk)

