



## Reusable Flow Sensor from SLE

SLE Ltd has announced the availability of a Reusable Flow Sensor, the N5402, designed to deliver outstanding stability and durability while being easier to use. Replacing the N5401, it has a revised flow sensor cable socket to allow quicker connection and disconnection while the redesigned socket also ensures correct alignment with a tighter fit helping prevent unwanted flow sensor disconnection.

The sensor is 10% lighter in weight,

weighing only 9 gms, is fully autoclavable and can also be gas sterilised. It is built automatically and robotically welded and has retained its gold plated pins.

The Reusable Flow Sensor is compatible with existing flow sensor cables while the lighter brown colour enables easy identification and allows the user to view the internal filaments. It is available as a single item.

Contact +44 (0)20 8681 1414, email [cworrell@sle.co.uk](mailto:cworrell@sle.co.uk) or visit [www.sle.co.uk](http://www.sle.co.uk)

## Lullaby incubator from GE Healthcare

The Lullaby Incubator XP from GE Healthcare is the latest product in its neonatal device portfolio. Designed with GE's 'healthymagination™' strategy in mind – reducing cost, increasing access and improving quality – the Lullaby Incubator XP claims to deliver excellent microenvironment performance at an affordable price. A plexi-glass hood gives unrestricted visibility of the baby and up to six portholes allow for tubing management and access from all sides.

With the hood open, the mattress slides out for full access to the infant. Optional servo O<sub>2</sub> and humidity and a full range of accessories, including hood covers and integrated X-ray tray support developmental care. A Dovetail rail to attach additional items such as monitors and intravenous therapy



management, makes the incubator the ideal microenvironment for babies needing additional thermal support.

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Using the SOMATOM® Definition Flash CT, a scan of a four-year-old patient was free of artefacts caused by breathing.

## Low dose CT solutions for paediatric imaging

Siemens Healthcare's Somatom® Definition Flash is a Dual Source CT system with two X-ray tubes that rotate around the patient's body simultaneously. With the claimed highest scan speed in CT to date (45 cm/sec) and a temporal resolution of 75 msec, the system enables complete thoracic scans in 0.6 sec. As a result, patients no longer have to hold their breath.

Clinicians using the Definition Flash scanned infants in less than one second and with an X-ray dose of under one millisievert. The resulting images showed high quality without motion artefacts. Using conventional CT technology with only one tube detector system, this procedure would take several seconds and require a significantly higher dose. In addition, babies would have to be sedated to prevent motion artefacts that could distort the diagnosis.

[www.siemens.co.uk/healthcare](http://www.siemens.co.uk/healthcare)

## Improved Infant Flow® generator

Twenty years ago, CareFusion introduced the revolutionary Infant Flow® generator that changed the way infant nCPAP is delivered. Using knowledge gained over years of therapy, research and testing, CareFusion has taken nCPAP therapy to the next level. The Infant Flow® LP generator has been redesigned to be quieter and lighter with a dual jet generator incorporating fluidic technology to maintain low work of breathing on inspiration and fluidic flip

action providing lower work of breathing on exhalation. The generator operates with a lower drive pressure to prevent backup of the water auto-feed humidification systems. Two fixation options are offered, headgear and bonnets and five sizes each of anatomically-designed nasal prongs and masks to fit a wide range of infants. Infant Flow® LP enables the clinician to safely provide nCPAP for the smallest of patients.

For information call 0800 151 3580 or visit [www.carefusion.com](http://www.carefusion.com)