

Covering all the bases

Medical



Ventilators

Friendly face

Medical equipment manufacturer SLE is using covers supplied by Midas Pattern Company to adorn its range of neo natal ventilators - a move that has helped SLE improve critical factors such as delivery, quality and price.

The SLE4000 neo natal ventilator features touch screen control of a comprehensive range of ventilation modalities and monitoring modes. Proximal hot wire flow sensor technology ensures sensitivity to even the tiniest of patient breathing efforts, with volume targeting capability to limit and monitor delivered tidal volumes as part of the lung

protective strategy.

A chance telephone call from a Midas Pattern Company representative alerted SLE to a potential alternative moulding process in the form of MRIM, which entails the manufacture of a composite resin mould tool directly from a CNC machined master model or pattern, ensuring that even the most complex of forms can be produced accurately, quickly and above all very competitively.

In February 2007, SLE agreed to place its first order with Midas Pattern Company for sets of covers to fit its 4000 and 5000 series ventilators.

"The MRIM process has changed everything," says SLE materials manager Paul Corcoran. "It uses different tooling that gives us much greater flexibility. Furthermore, the flexibility of the tooling allows changes to be made quickly and easily, which is a massive plus point for us. For instance, we recently had a small modification to incorporate on one batch only, something that would have been very time consuming and prohibitively expensive using conventional tooling."

www.sle.co.uk

www.midas-pattern.co.uk