SLE Reusable Flow Sensor

For use with SLE Infant Ventilators

SLE

When the smallest thing matters

SLE's Reusable Flow Sensor is a very sensitive reusable flow sensor designed for use with neonatal ventilators including the SLE4000 and SLE5000 and the SLE2100 respiration monitor.

The flow sensor is a body containing two ultra fine (13 microns diameter) sensor wires which sit across the flow path. The ends of the body contain fine wire meshes to provide a laminar flow to the sensor wires. The sensor wires are fixed at the same height (central to the body) so that whichever direction the flow is, a difference in temperature can be measured between the forward wire and the leeward wire.

The hot-wire anemometer design means that it has an almost instant response to the smallest of flows and is ideal for use on very premature neonates.

- ✓ A minimal deadspace of only 1 ml means reduced risk of rebreathing.
- ✓ Can be steam sterilised
- ✓ Easy calibration
- ✓ Wide range of flow measurement
- ✓ Reliable, maintenance-free operation
- ✓ High accuracy and repeatability
- ✓ Bidirectional response
- ✓ Fast response time
- ✓ Manufactured from polysulfone: a tough, rigid and high-strength thermoplastic
- ✓ Small and lightweight
- ✓ Fully compliant with BS EN ISO 5356-1

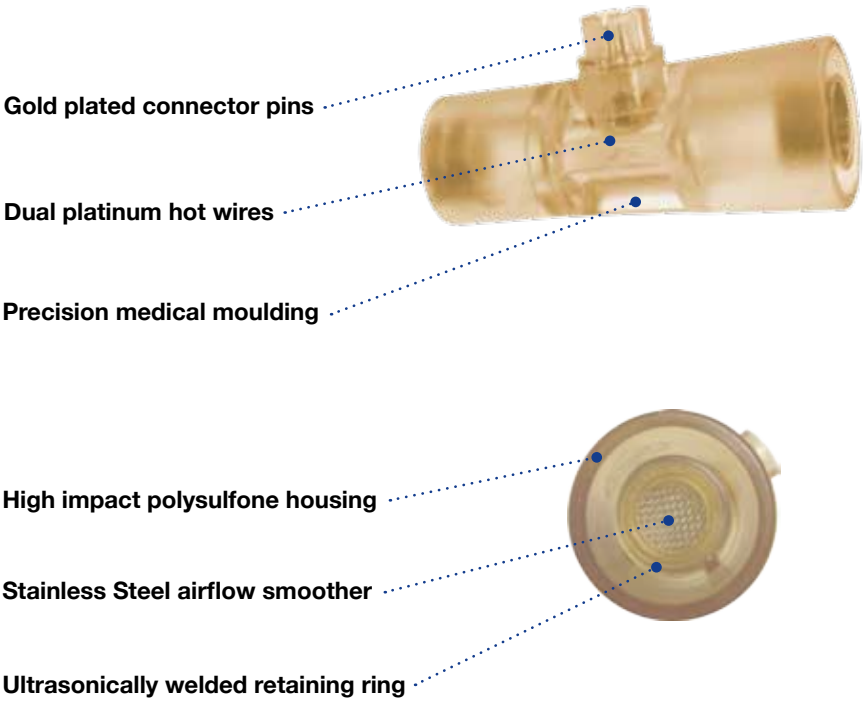
Technical Specifications

Type: Dual hot-wire anemometer with hot-wire subassembly.

Flow range:	0.2 to 32 l/m
Accuracy:	±8%
Deadspace:	1 ml
Weight:	10 g

Ordering Details

Part Number: N5402
Box of 1



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