

# SLE6000

## Service manual

Ventilator Software:  
V2.0.20

Engineering utility:  
V2.0.0



When the smallest thing matters



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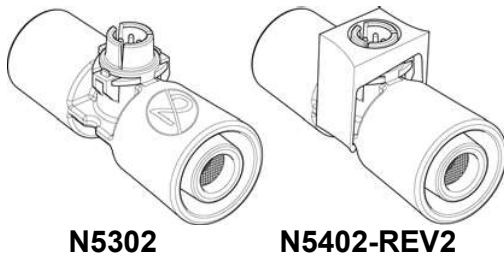
## 20. N5402-REV2 & N5302 flow sensor

The ventilator employs a low dead space (<1ml), heated wire anemometer sensor. To minimise dead space the sensor body fills much of the ET tube adaptor and patient circuit connection.

**Warning:** Do not use any nebulized gases (medications, salt solutions, etc.) in conjunction with the sensor as they are likely to degrade the performance of the sensor and subsequent displayed accuracies.

**Caution:** The flow sensor is a serviceable item and may require cleaning during use.

SLE offer two types of sensor the N5402-REV2 which is a reusable sensor or the N5302 which is a single use flow sensor.



**Warning:** Do not use the N5302 flow sensor if its packaging has been damaged.

**Warning:** Do not use this flow sensor to monitor patients with ET tube sizes larger than 5.0 mm or that require more than 30 l/min.

**Note:** The N5302 flow sensor is a single use device. It is supplied sterile. The sensor can be cleaned during use, but cannot be re-sterilized. It should be discarded after use as clinical waste. The N5302 flow sensor can be cleaned by rinsing into sterile water.

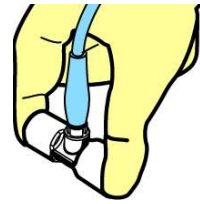
Before re-insertion into the patient circuit the user must calibrate the flow sensor.

### 20.1 Calibration of the Flow Sensor

Connect the flow sensor cable to the flow sensor. Ensure that the cable connector key fits into the rear notch of the flow sensor connector.

The ventilator will alarm calibrate flow sensor. Press the "Calibrate" button in the information bar to activate the sensor panel or press the "Utilities" button or the "Calibration and Utilities" Button.

Occlude the flow sensor to prevent any flow across the sensor wires.



Press the Start calibration button and the following text "Calibrating.." will be displayed above the button.

When the calibrations has passed the test "Calibration completed" will appear.

The flow sensor is now calibrated.

**Note:** The flow sensor should be calibrated every 24 hours whilst in use, if the patient's condition permits.

**Note:** The Calibration procedure is the same for the N5402-REV2 and N5302 sensors.