

The 3M™ Bair Hugger™ Temperature Monitoring System

## A revolution in temperature monitoring

The 3M™ Bair Hugger™ system is a non-invasive, accurate deep tissue body temperature monitoring system that continuously measures patient temperature with an affordable single-use sensor. This provides one consistent, standardized temperature monitoring method throughout the perioperative process.

### Non-invasive technique:

A single-use sensor is placed on the patient's forehead before surgery and is worn throughout the perioperative journey.

### Continuous:

The temperature is always displayed. A memory chip within the sensor provides a two hour continuous visual representation of the patient temperature trend on the Bair Hugger control unit.

### Accurate:

In a clinical trial comparing the Bair Hugger system to pulmonary artery catheter temperatures, the Bair Hugger system bias was less than 0.2°C.<sup>1</sup>

### Consistent:

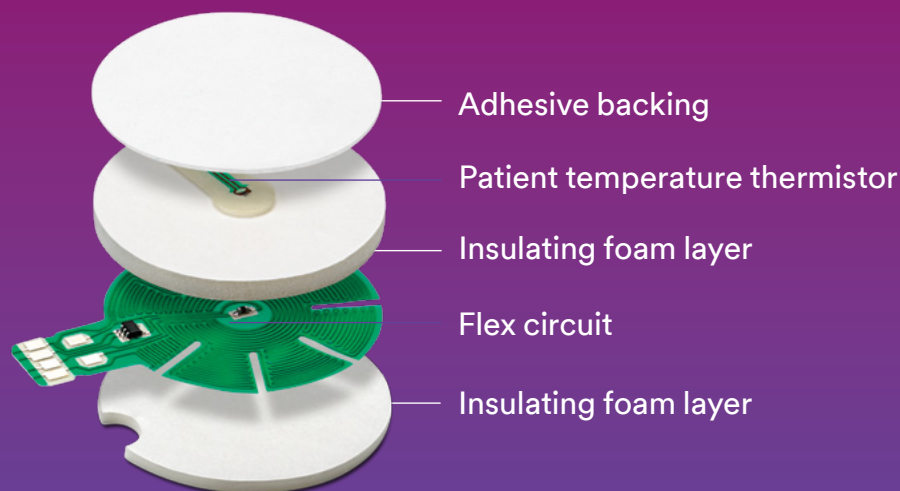
The sensor stays on the patient, as it is disconnected from the sensor cable and reconnected at each point of care, eliminating the variability associated with clinician technique and use of different monitoring devices.

**Easy to Use. Non-Invasive. Continuous.  
Accurate and Consistent.**





# How it works

## A technology that is anything but skin deep



Unlike passive skin surface temperature sensors, the 3M™ Bair Hugger™ Temperature Monitoring System's single-use sensor consists of a thermal insulator adjacent to the skin which is covered by a flex circuit. Once connected to the Bair Hugger control unit, the flex circuit actively regulates its temperature to create a zone of perfect insulation - a condition where heat loss to the environment is eliminated. By creating this zone of perfect insulation, the patient's deep tissue body temperature rises to the skin surface where it can be measured.

## Bair Hugger temperature monitoring system ordering information

Product	Part Number	Sizes	Units
 <b>3M™ Bair Hugger™ Temperature Monitoring System Control Unit, 120V</b>	<b>37000</b>	Dimensions of Control Unit: 9.3 cm (3.7 in) high, extendable to 11.4 cm (4.5 in) high 7.1 cm (2.8 in) wide, 4.3 cm (1.7 in) deep  Weight of Control Unit: 128 g (4.5 oz)  Length of the Sensor Cable: 400 cm (158 in)	1 each
 <b>3M™ Bair Hugger™ Temperature Monitoring System Sensor</b>	<b>36000</b>	Dimensions of Sensor: 4.1 cm (1.6 in) diameter, 0.5 cm (0.2 in) thick	25/case

The Bair Hugger temperature monitoring system is compatible with all patient monitors that accept YSI-400 type inputs.

[www.BairHugger.com](http://www.BairHugger.com)



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