

Medtronic

Mon-a-therm™ temperature monitoring probes and sensors

Accurate and reliable monitoring¹⁻⁴ for enhanced patient care.



Designed for multiple clinical settings, our broad range of Mon-a-therm™ temperature probes and sensors meets diverse patient care needs – from intensive care and post-anesthesia care units to the emergency room and general care floor.

Our temperature monitoring products:

- Quickly and accurately reflect changes in core body temperature²⁻⁵
- Are single-patient use for convenience and infection control
- Are compatible with multifunction patient monitors^{†,6}

Placement sites include:

- Nasopharyngeal
- Esophageal
- Rectal
- Axillary



[†] Compatible with MPM that meet the specification for Thermistor, Temperature Accuracy, and compatible interface cables as described in IFU.

Mon-a-therm™ temperature probes and sensors

A range of probes and sensors to monitor patient temperature

The Mon-a-therm™ temperature monitoring system offers a range of electronic probes for measuring core and surface temperatures in patients.

Mon-a-therm™ temperature monitoring products provide crucial patient temperature information to which care providers can actively respond with Calima™* active warming therapy.

Mon-a-therm™ connecting cables

A wide range of interface cables to allow the use of Mon-a-therm™ temperature probes with the majority of monitors where a temperature measurement channel is available.^{†,6}

Code	Description	Quantity / Case
5020400A	Thermistor 400 with 1/4" jack plug, 5 m	1
5020411A	Thermistor 400 for use with Philips monitors, 3 m	1
502-0401A	Thermistor 400 for use with Philips monitors, 5 m	1
5020405A	Thermistor 400 for use with Dräger monitors, 5 m	1
5020415A	Thermistor 400 for use with Dräger monitors, 3 m	1

Universal:

Mon-a-therm™ products can be used with the majority of existing monitors.^{†,6} Interface cables for most monitors are available.



Mon-a-therm™ temperature monitoring products allow electronic monitoring of central and body surface temperatures at a wide variety of sites.

- Probes are YSI 400 compatible
- Latex free
- Single patient use for convenience and infection control



5020415A / 5020405A



5020400A



5020411A / 502-0401A

Skin temperature probe

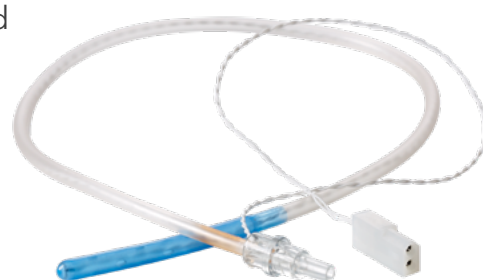
Non-invasive sensors offer easy placement and temperature monitoring.^{1,3,4} The foam pad helps monitor skin temperature accuracy by reducing environmental temperature influences.^{1,7} The hypoallergenic adhesive gently adheres to skin for patient comfort.^{8,9}



Code	Description	Quantity / Case
90045	400 Series skin temperature probe	100

Oesophageal stethoscope with temperature probe

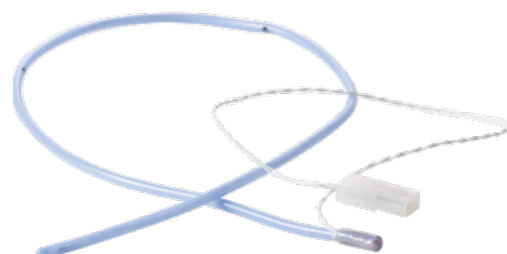
Temperature measured in the lower oesophagus approximates to core temperature. Soft thin cuff provides access to heart and lung sounds while satin slip finish aids atraumatic insertion.¹⁰ Depth markings aid proper placement.



Code	Description	Quantity / Case
90049	Oesophageal stethoscope with temperature probe - 9 Fr	50
90041	Oesophageal stethoscope with temperature probe - 12 Fr	50
90042-	Oesophageal stethoscope with temperature probe - 18 Fr	50
90043	Oesophageal stethoscope with temperature probe - 24 Fr	50

General purpose temperature probe

Ideally located in the lower third or quarter of the oesophagus which will give a good approximation of core temperature.¹¹ The satin slip surface aids atraumatic insertion while the extra long lead wire is Kevlar®* reinforced. May also be used for nasopharyngeal or rectal placement.¹²⁻¹⁴



Code	Description	Quantity / Case
90050	General purpose temperature probe - 9 Fr	100
90044	General purpose temperature probe - 12 Fr	100

Foley catheter with temperature sensor

Providing urinary bladder drainage while measuring core body temperature at this insulated site. Convenient temperature measurement in all catheterised patients. Silicone construction reduces irritation and encrustation.¹⁵

Code	Description	Quantity / Case
90053T	Foley catheter with temperature sensor - 8 Fr	12
90054T	Foley catheter with temperature sensor - 10 Fr	12
90055T	Foley catheter with temperature sensor - 12 Fr	12
90056T	Foley catheter with temperature sensor - 14 Fr	12
90051T	Foley catheter with temperature sensor - 16 Fr	12
90052T	Foley catheter with temperature sensor - 18 Fr	12



Foley Catheters with Temperature Sensor (TSC) device are considered MR Conditional



References

1. Based on RE00025684: Mon-a-Therm™ Skin Sensor Temperature verification test report for temperature accuracy and storage testing.
2. Based on RE00016181: Mon-a-Therm™ Esophageal Stethoscope Temperature probe verification test report.
3. Based on 10070020: DES VER RPRT, ALPHA Technics Therm™ accuracy and stability.
4. Based on 10070023: DES VER RPRT, Sensor SCI Thermistor accuracy and stability.
5. Based on RE00025683 Mon-a-Therm Skin Sensor Engineering Study Report for Temperature Transient Response Time.
6. Based on RE00017868 Mon-a-Therm™ temperature probe /sensor EMC Test Report.
7. Based on RE00025961: Mon-a-Therm™ skin probe physical factors verification by inspection test report.
8. Based on 10014641: Clinical evaluation Mon-a-Therm™ skin temperature sensor.
9. Based on 10070404: Biocompatibility test summary Mon- a-Therm™ skin probe.
10. Based on 10154797: Mon-a-Therm™ EST physical factors verification test report.
11. Pasquier M, Paal P, Kosinski S, Brown D, Podsiadlo P, Darocha T. Esophageal temperature measurement. N Engl J Med. 2020;383(16):e93
12. Based on 10154593: Mon-a-Therm™ general purpose probe physical factors verification report.
13. Based on PT00185239: Mon-a-Therm™ general purpose probe IFU, Pouch, Carton labeling test report.
14. Based on Clinical Evaluation Report P /N is 10016571.
15. Based on 10154558: Mon-a-Therm™ Foley Catheter with Temperature sensor physical factors verification test report.



For more details contact your local Medtronic representative.

Please refer to the product insert or Instructions for Use for a complete list of indications, contraindications, warnings, precautions, and other important medical information. Always follow the Instructions for Use.

This material should not be considered the exclusive source of information, it does not replace or supersede information contained in the device manual(s).

Please note that the intended use of a product may vary depending on geographical approvals.

See the device manual(s) for detailed information regarding the intended use, the implant procedure, indications, contraindications, warnings, precautions, and potential adverse events.

For a MRI compatible device(s), consult the MRI information in the device manual(s) before performing a MRI.

If a device is eligible for eIFU usage, instructions for use can be found at Medtronic's website manuals.medtronic.com.

Manuals can be viewed using a current version of any major internet browser. For best results, use Adobe Acrobat® Reader with the browser.

Medtronic products placed on European markets bear the CE mark and the UKCA mark (if applicable).

For any further information, contact your local Medtronic representative and/or consult Medtronic's websites.

© 2025 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic.

™* Third-party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company.

emea-pm-2500045-monatherm-brochure-en-gb-emea-17216925

medtronic.co.uk/acm

Medtronic