



Sensatronic single-use temperature probes

Gaining accurate temperature insights with Philips and Sensatronic

Temperature is a core vital sign that, together with non-invasive blood pressure (NiBP), electrocardiography (ECG), and peripheral blood oxygen saturation (SpO₂), offers essential insights into a patient's physiological state. Monitoring this parameter plays a key role in helping clinicians identify subtle changes in condition and respond accordingly.

All Philips patient monitors with integrated measurement capabilities offer continuous temperature monitoring. Continuous monitoring supports early detection of deterioration, helping clinicians make timely interventions.

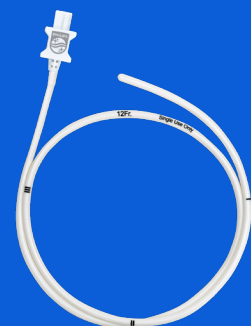
Flexible application

The single-use continuous temperature probes, manufactured by our valued partner Sensatronic, support skin, esophageal and rectal measurement applications. These products support accurate measurements in diverse clinical environments, such as operating rooms, ICUs, and emergency care.

Sensatronic single-use probes are designed for use only in conjunction with the corresponding reusable adapter cable. This facilitates connectivity with the patient monitor and supports accurate temperature readings across all application types.

Sensatronic single-use temperature probes at a glance

- Suitable for skin, esophageal and rectal applications
- Made from medical-grade PVC
- Designed for single use in conjunction with a reusable adapter cable
- Manufactured in compliance with international quality and safety standards
- Validated and approved by Philips



Technical specifications

Used with Philips patient monitors, Sensatronic probes offer accurate continuous temperature measurements for critical care settings.



Philips part number	989803222871	989803222881
Description	Skin Temperature Probe	9 Fr Esophageal/Rectal Temperature Probe
Quantity per box	20	20
Material	Medical grade PVC, metalized self-adhesive medical foam	Medical grade PVC
For single use or reusable	Single use	Single use
Total length	75 cm	75 cm
Probe diameter	25 mm (diameter of thermo pad)	3 mm
Cleaning	Not intended to be reused or reprocessed	Not intended to be reused or reprocessed
Disinfection	Not intended to be reused or reprocessed	Not intended to be reused or reprocessed
Sterilization	Probes are supplied non-sterile Not intended to be reused or reprocessed	Probes are supplied non-sterile Not intended to be reused or reprocessed
Connector type	Molex plug female	Molex plug female
Application type	Skin	General purpose (esophageal/rectal)
Patient population	Pediatric/adult	Pediatric/adult
Maximum continuous contact time	24 hours	24 hours
Country of origin	Germany	Germany
Applicable standards	ISO 80601-2-56 IEC 60601-1 ISO 10993-1	ISO 80601-2-56 IEC 60601-1 ISO 10993-1
Operating mode	Direct mode	Direct mode
Temperature range	- Storage/transport: -30°C to +60°C - Operation: +0°C to +50°C	- Storage/transport: -30°C to +60°C - Operation: +0°C to +50°C
Humidity range	- Storage/transport: 10 to 95 % r. H. not condensing - Operation: 10 to 100 % r. H.	- Storage/transport: 10 to 95 % r. H. not condensing - Operation: 10 to 100 % r. H.
Ambient pressure	- Storage/transport: 700 to 1060 hPa - Operation: 700 to 1060 hPa	- Storage/transport: 700 to 1060 hPa - Operation: 700 to 1060 hPa
Accuracy	± 0.1°C (range 25°C to 45°C)	± 0.1°C (range 25°C to 45°C)
Minimum measuring time (to steady state; 25°-44°C)	Typically 60 sec	Typically 60 sec

Sensatronic probes and adapter cables are compatible with the following Philips monitors:

- IntelliVue Multi-Measurement Module X3 (867030)
- IntelliVue Patient Monitor MX100 (867033)
- IntelliVue MMX (867036)
- IntelliVue Hemodynamic Extension (867039, M3012A)
- IntelliVue Capnography Extension (867040, M3014A)
- IntelliVue Microstream Extension (867041, M3015A/B)
- IntelliVue Multi-Measurement Server/SLCP (M3001A/AL)
- IntelliVue MP5, MP5SC (M8105A, M8105AS)
- IntelliVue MP2 (M8102A)
- IntelliVue Multi-Measurement Server X2 (M3002A)
- Temperature Parameter Module (M1029A)
- Patient Monitor 6100/ 6300/ 6500 (867311/ 867313/ 867315)



Philips part number	989803222891	989803221301	989803221181
Description	12 Fr Esophageal/Rectal Temperature Probe	Temperature adapter cable, short	Temperature adapter cable, long
Quantity per box	20	1	1
Material	Medical grade PVC	Medical grade PVC	Medical grade PVC
For single use or reusable	Single use	Reusable	Reusable
Total length	75 cm	150 cm	300 cm
Probe diameter	4 mm	N/A	N/A
Cleaning	Not intended to be reused or reprocessed	Manual cleaning; please refer to Instructions for Use	Manual cleaning; please refer to Instructions for Use
Disinfection	N/A	Chemical disinfection. Please refer to Instructions for Use	Chemical disinfection. Please refer to Instructions for Use
Sterilization	Probes are supplied non-sterile. Not intended to be reused or reprocessed	Sterilization not permitted	Sterilization not permitted
Connector type	Molex plug female	To the probe: Molex plug male To the monitor: Philips compatible 2-pin plug	To the probe: Molex plug male To the monitor: Philips compatible 2-pin plug
Application type	General purpose (esophageal / rectal)	N/A	N/A
Patient population	Adult	All	All
Maximum continuous contact time	24 hours	N/A	N/A
Country of origin	Germany	Germany	Germany
Applicable standards	ISO 80601-2-56 IEC 60601-1 ISO 10993-1	ISO 80601-2-56 IEC 60601-1 ISO 10993-1	ISO 80601-2-56 IEC 60601-1 ISO 10993-1
Operating mode	Direct mode		
Temperature range	- Storage/transport: -30°C to +60°C - Operation: +0°C to +50°C	- Storage/transport: -30°C to +60°C - Operation: +0°C to +50°C	- Storage/transport: -30°C to +60°C - Operation: +0°C to +50°C
Humidity range	- Storage/transport: 10 to 95 % r. H. not condensing - Operation: 10 to 100 % r. H.	- Storage/transport: 10 to 95 % r. H. not condensing - Operation: 10 to 100 % r. H.	- Storage/transport: 10 to 95 % r. H. not condensing - Operation: 10 to 100 % r. H.
Ambient pressure	- Storage/transport: 700 to 1060 hPa - Operation: 700 to 1060 hPa	- Storage/transport: 700 to 1060 hPa - Operation: 700 to 1060 hPa	- Storage/transport: 700 to 1060 hPa - Operation: 700 to 1060 hPa
Accuracy	± 0.1°C (range 25°C to 45°C)	N/A	N/A
Minimum measuring time (to steady state; 25°-44°C)	Typically 60 sec	N/A	N/A



Why validated supplies matter

Philips offers a range of validated consumables and accessories that support the safe and reliable operation of our patient monitoring equipment. We aim to provide supplies that help optimize the performance of your monitors and deliver the exceptional experience that you expect from Philips.

Sensatronic continuous temperature probes have been tested and validated for use with our monitoring devices. They meet both our own rigorous expectations for quality, accuracy and performance, as well as applicable international standards, including those established by ISO and IEC.

Philips validated supplies are the only ones we recommend using with our monitors. The use of non-validated accessories may compromise measurement accuracy and patient safety.

An exclusive partnership

Philips and Sensatronic are both leading developers of medical devices. Our dual-branded continuous temperature probes are manufactured by Sensatronic and exclusively distributed by Philips.



Find out more

For more information about Sensatronic probes and Philips validated supplies, please contact your local Philips representative.

Philips is exclusive distributor of Sensatronic single-use temperature probes and adapter cables. Sensatronic is the legal manufacturer of these products.

Sensatronic GmbH

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