

TherModiag[®]

FOLLOW-UP TO DECIDE

SIMPLIFY THE DIAGNOSIS AND FOLLOW-UP OF SEPSIS USING A TECHNOLOGY OF EXCELLENCE



Fast fitting



Compatible
with care
protocols



24H

24-hour
battery life



Unnoticeable
during patient
activities



Alternating
right and
left arms



**NON-INVASIVE MEDICAL
DEVICE FOR CORE TEMPERATURE
MONITORING**

Product Ref.: TH01-Kt01-EU

Version of the document : R0003_FP0430_Argu-KT Thermodiag_CE-EN_V1_1

F20
MEDICAL

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AN INNOVATION TO HELP SEPSIS DIAGNOSIS

NON INVASIVE

- » **The Thermodiag device consists of two armbands connected to a monitoring tablet** positioned on the docking station. The station can be installed up to 10 metres from the patient.
- » **One of the armbands is positioned on the patient's right or left arm** in less than 1 minute for 24 hours, while the other is charging.



PRECISE AND RELIABLE

- » Thanks to its 11 sensors, Thermodiag continuously measures the variations in core body temperature in real time with an average error of just 0.2°C. The temperature curve is displayed on the monitoring tablet, along with the **patient's entire monitoring history**.

9 ADVANCED THERMAL SENSORS

- » Thermodiag uses the latest generation of thermal sensors capable of accurately detecting temperature variations, a key indicator to help assess the inflammatory state and detect the precursor signals of pathologies.

ADVANCED ALGORITHMS

- » 2 intelligent algorithms analyse the data from 11 sensors in real time, providing immediate dynamic information. This technology is based on a data processing method trained on more than 25,000 hours of acquisition carried out during pre-clinical studies.

SIMPLIFIED MAINTENANCE

- » The system includes automatic calibration, a process for checking the relevance of sensor data that minimises human intervention, ensuring consistent performance. Thanks to its modular design, maintenance is simplified and we are ready to provide technical assistance.

INTERNATIONAL COMPLIANCE

» Designed and manufactured in France  to the highest quality standards, Thermodiag complies perfectly with international health protocols.



ZERO MAINTENANCE

» Full technical support is provided, including maintenance and training to maximise the use of Thermodiag in your establishment.



INTEROPERABILITY

» The data collected complies with the HL7 FHIR format so that it can be recorded in the institution's patient file.



DATA INTEROPERABILITY AND INTEGRATION

» Thermodiag is designed for maximum interoperability with hospital information systems. Our manufacturer-distributor partnership ensures simple integration with data management systems, promoting the smooth, secure flow of information between devices.

VALIDATION AND COMPLIANCE WITH MEDICAL STANDARDS

» Thermodiag is a class IIb medical device in the process of obtaining CE marking under regulation 2017/745. Its performance and safety are being demonstrated in a multi-centre study in a critical care unit and intensive care unit.

By combining **innovative design, qualified data and rapid interpretation**, Thermodiag combines **rapid installation, patient comfort, ease of use, data reliability and interoperability**.

A CONNECTED REVOLUTION IN MEDICAL CARE

- » **Measuring body temperature is a major factor** in the early detection of infection.
- » **Thermodiag offers continuity of care** between different hospital services and home care.



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