

Product brochure

10.10.2026

# SAUTER JFT 100

Robust and versatile: Dual infrared/probe thermometer for food

ENGLISH



## CONTACT

KERN & SOHN GmbH  
Ziegelei 1  
72336 Balingen  
Germany

+49 7433 9933-0  
info@kern-sohn.com  
www.kern-sohn.com



## APPLICATION EXAMPLE



ENGLISH

## FEATURES

- 2-in-1 temperature measurement: combines a precise infrared sensor for surface temperatures with a fold-out probe for measuring internal food temperatures
- HACCP inspection: Temperature range display enables checking in accordance with HACCP guidelines to ensure food safety
- FDA-compliant materials
- Screen can be rotated 180° to provide a flexible display, regardless of the position in which the device is used
- Single laser: Precise marking of the measuring range in infrared mode
- T1-T2 Temperature difference: Comparative measurements between two measuring points for even more accurate results
- IP65 dust and spray protection (in accordance with EN 60529)
- Fall-proof up to 1 m – robust and reliable in everyday industrial use

## TECHNICAL DATA

- Laser class 2
- Probe measurement:  
Minimum measuring depth: 12,5 mm
- Tolerance range:  
Infrared measurement:  $\pm 1,5\text{ }^{\circ}\text{C}$   
Probe measurement:  $\pm 1,0\text{ }^{\circ}\text{C}$
- Battery operation, 2×1.5 V AAA standard, operating time up to 40 h
- Overall dimensions W×D×H, 55×28×178 mm
- Net weight approx. 0,20 kg

MAIN SCOPE OF APPLICATIONS

- Food control
- Storage and transport
- Gastronomy
- Retail

PICTOGRAMS

Standard



IP 65

1 DAY

Option



MODEL OVERVIEW

| Model   | Measuring range<br>Infrared<br>Measurement<br>[Min] | Measuring range<br>Infrared<br>Measurement<br>[Max] | D:S<br>Optic | Measuring range<br>Probe measurement<br>[Min] | Measuring range<br>Probe measurement<br>[Max] |
|---------|-----------------------------------------------------|-----------------------------------------------------|--------------|-----------------------------------------------|-----------------------------------------------|
| JFT 100 | -40 °C                                              | 300 °C                                              | 8:1          | -50 °C                                        | 300 °C                                        |

SERVICES

| Model   | Description                           |
|---------|---------------------------------------|
| 970-013 | Warranty extension (+3 years) 970-013 |

ENGLISH

## KERN Pictogram Overview



Peak hold function: capturing a peak value within a measuring process



Units can be switched to e.g. non-metric units



Protection against dust and water splashes IP65



Battery operation: Ready for battery operation



Package shipment by courier service: The duration of internal product provision is one day



Factory calibration (ISO): Factory calibration takes 4 working days



Accredited calibration (DKD): The duration of the accredited calibration is 3 working days