

# Gourmet Thermometer Set



- Super-thin probe with 1.5 mm Ø and high temperature probe for up to 400 °C with glassfibre insulated metal protected cable incl.
- Exact temperature measurement  $\pm 0.1$  °C
- Rotating and illuminated display
- Alarm when the desired temperature is reached
- Protected from water and dust
- Battery life of up to 5,000 hours
- Measurement in a **Sous vide**

## Features

### Lightning speed for high-precision preparation

Every measurement is an intervention in work process. With the Gourmet thermometer, this intervention is minimal and lightning-quick. The thermometer displays precise temperatures of up to 250°C within seconds. With an accuracy of  $\pm 0.1$  °C, it is the fastest and most accurate measuring device in gastronomy.

The thermometer measures 1.5 mm in diameter. That means a minimal incision in the product so that practically none of the liquid is lost. You also save valuable time during the hot phase of the food preparation and minimise temperature loss when opening the oven and grill with a measurement time of less than a second.

### Robust: measure, then wash off in a sink

The Gourmet thermometer is protected from spray water, measures quickly and reliably and can be cleaned and prepared for its next use just as quickly and easily. With a battery life of around 5,000 hours, you can simply leave the temperature probe set on standby without having to insert new batteries.

The waterproof Gourmet thermometer is available on its own or in a set with two temperature probes.

## Device technical data

<b>Measuring range temp.</b>	: -200.0..+450.0 °C (-328.0..+842.0 °F, observe the permissible range for the installed probe!
<b>Accuracy temperature</b>	: -20 °C..+100 °C: $\pm 0.1$ K $\pm 1$ Digit, otherwise: $\pm 0.2$ % of measured value. $\pm 2$ digit, plus probe deviation, e.g. Class A
<b>Measuring cycle</b>	: approx. 2 measurements per second
<b>Temp. connections</b>	: BNC connection for Pt1000 sensor (EN 60751)
<b>Display</b>	: 3-line segment LCD, additional symbols, illuminated (adjustable white, permanent illumination)
<b>Additional functions</b>	: Min/max/hold, alarm (optical and acoustic)
<b>Compensation</b>	: Offset and gradient correction
<b>Protection rating</b>	: Without probe installed: not protected from water, with probe installed: IP67 water protection, device with 1.5 mm probe is water-protected according to IP65. 3 mm cable probe protected from spray water.
<b>Operating conditions</b>	: -20 °C to +50 °C; 0 to 95 % r. h. (temporarily 100 % r. h.)
<b>Storage temperature</b>	: -20 °C to +70 °C
<b>Power consumption</b>	: approx. 0.4 mA, w/ backlight app. 2 mA
<b>Battery life</b>	: > 5000 hours with alkaline batteries (without backlighting)
<b>Battery indicator</b>	: 4-stage battery status indicator, replacement indicator on display for depleted batteries
<b>Auto power</b>	: the device switches off automatically when this is activated
<b>Directives and standards</b>	: 2014/30/EU, EMC Directives 2011/65/EU, RoHS EN 61326-11:2013, Emitted interference: Class B Immunity according to Table 2, Additional errors: > 0.5 % FS EN 50581:2012 The device is intended for mobile use and/or stationary operation in the scope of the specified operating conditions without further limitations.
<b>Housing</b>	: Break-proof ABS housing
<b>Dimensions L x W x H</b>	: 108 x 54 x 28 mm without BNC plug or kink protection
<b>Weight</b>	: 130 g, incl. battery, without probe



### Probe technical data

#### Probe GF 2T-E1, 5-B-BMC

**Sensor element** : Pt1000, 2-wire  
**Measuring range** : -70..+250 °C (probe tip)  
**Probe tube** : 1.4404 (V4A)



**Connection** : BNC connector with EPDM grommet up to +75 °C  
**Response time T<sub>90</sub>** : Ø 1.5 mm: Water 0.4 m/s < 1 s, air 2 m/s approx. 12 s  
**Ingress protection** : IP67 water protection, IP65 water jet protection, Class B, max. deviation +0.3 °C at 0 °C + 0.5 %  
**Range of applicability** : - 50 °C..250 °C

#### Probe GF 3T-E3, B-BMC

**Sensor element** : Pt1000, 2-wire  
**Measuring range** : -70..+400 °C (probe tip)  
**Probe tube** : 1.4404 (V4A)  
**Connection** : BNC connector with EPDM grommet up to +75 °C  
**Response time T<sub>90</sub>** : Ø 3 mm: Water 0.4 m/s < 10 s, air 2 m/s approx. 40 s  
**Protection rating** : no water protection, Class B, max. deviation +0.3 °C at 0 °C + 0.5 %  
**Range of applicability** : - 50 °C..400 °C



### Scope of delivery

Carry case set, incl. measuring device, two probes, 2 x AA batteries



### Ordering code

1.  Gourmet Thermometer Set

<b>1. Gourmet Thermometer Set</b>
Complete carry case set consisting of: Base unit, 2 x measuring probes, 2 x AA batteries, carry case