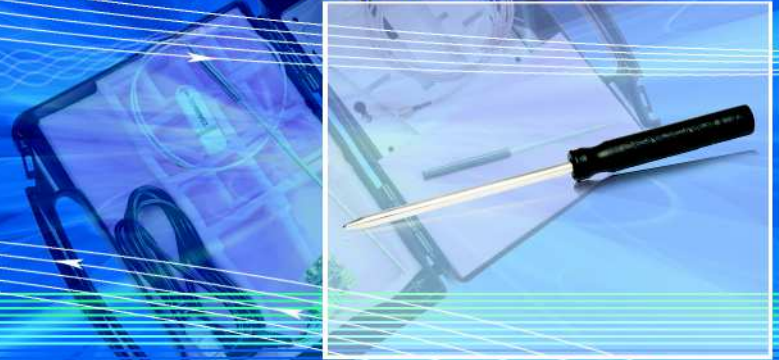


REAL TIME. ON-LINE. WIRELESS.



### Description

The Food TempTrackr® Starter Kit-Consumer provides a passive and wireless Surface Acoustic Wave (SAW) temperature monitoring solution that is ideally suited for applications such as food safety, cooking and storage control in commercial & residential ovens, rotisseries and barbecue grills.

The Kit is designed to showcase the capabilities of this technology for culinary applications. Each kit includes one wireless food probe which is capable of reading the core temperature of food between 0°C and +120 °C with a system accuracy of ± 1.5°C after calibration of the food probe.

### Key Features and Attributes

- Passive, wireless food probe
- Operable temperature range of probe: 0°C to +230°C (short term 250°C)<sup>1</sup>
- User friendly, simple to use interface and data logging
- Environmentally friendly (no battery)
- Reading distance<sup>2</sup> up to 1.5 meters

### Kit Contents

- One food probe
- One Wireless Reader Unit and USB/RS485 converter cable incl. power supply
- PC Software and documentation on USB stick
- One monopole high temperature antenna with integrated ambient temperature sensor (typ. ± 3°C accuracy)
- One PIF-Antenna
- One antenna cable 2m, MCX to SMA connector (up to 165°C)

### System Specifications

Specification	Typical Values	Unit of Measure
Accuracy	± 1.5 over the whole operating range	°C

Parameters	Typical Values				
	Food Probe <sup>3</sup> FM-S433T-F-1	Reader <sup>3</sup> WSR F1-01	High Temperature Antenna ANT-MON-0003T	PIF-Antenna ANT-PIF-0002	Unit of Measure
Operating Temperature Range	0 to +120 <sup>1</sup>	0 to +85	-20 to + 450	-40 to +120	°C
External Power Supply	No	+5	No	No	V
Power Consumption	0	1.5	0	0	W
Dimensions	Total length: 165 Shaft length: 95	35 x 30 x 8	Length into oven cavity 170	151 x 151 x 33	mm
	Shaft diameter: 4		Diameter 4		
	Handle diameter: 12		M10 x 1		
Connector	-	2 x MCX connector	MCX connector	SMA connector	-
Interface	-	RS485	-	-	-

#### Notes:

1. +250°C are referring to max temperature of the probe handle for 24h; measurement temperature range (tip of the probe) 0°C to +120°C.
2. Depending on the RF environment and antenna
3. Other reader/ food probe options and customization are available. Please contact the Sengenuity team.

Part Number	Description
723200141	Food TempTrackr Starter Kit-Consumer

Product status and specifications are subject to change.

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