



**HACCP compliance made easy with this multi-purpose handheld temperature measuring & recording instrument.**

### ThermoCheck Specifications

<b>Operating Temperature</b>	-10 to 85°C (14°F to 185°F)
<b>Storage temperature</b>	-40 to 85°C (-40°F to 185°F)
<b>Memory</b>	1MB, non-volatile
<b>Database</b>	250 different product types 250 different processes / locations
<b>Users</b>	250 different users identified by PIN code entry
<b>Number of readings</b>	2500 individual product readings complete with product type, process, reading and user.
<b>Measuring range</b>	-40°C to +300°C (-40°F to +572°F)
<b>Sensor type</b>	K or T-Type Thermocouple
<b>Accuracy</b>	+/- 0.9°C (1.6°F)
<b>Resolution</b>	0.1°C (0.1°F)
<b>Display</b>	Backlit LCD, 128 x 64 pixels
<b>Time and date</b>	Real time clock, accuracy better than 40 seconds per month at ambient
<b>Power source</b>	Two AA batteries. Can be recharged with a 4.6V DC power adaptor plugged into the power socket of the PC interface cable. (rechargeable cells only)
<b>Typical battery life</b>	Up to 45 hours continuous use with alkaline batteries (without backlight)
<b>Case material</b>	Polycarbonate/ABS
<b>IP Rating</b>	IP65
<b>Data recovery</b>	Via interface cable & ThermoCheck user software
<b>Size (HxWxD)</b>	155x72x26
<b>Weight</b>	117 grams (excluding batteries)
<b>Warranty</b>	24 months (excludes any batteries)

### MORE THAN JUST A TEMPERATURE METER ...

ThermoCheck is a handheld temperature measurement storage device used for validating critical control point temperatures typically during food preparation and storage. ThermoCheck is database driven and can store product information, locations / processes, pass / fail temperature specifications and user information.

Each unit comes with an easy-to-use PC-based Windows software application which provides users the ability to download, store and analyse data from a ThermoCheck. This software also allows users to configure their database fields, such as products, users and process / location information and upload this information to a ThermoCheck. ThermoCheck interfaces to a PC via an interface cable.

ThermoCheck's memory is non volatile, which means that no data is lost if batteries are removed or are no longer able to power the unit. In order to ensure that both the ThermoCheck and software are only accessed by authorised users, both the unit and the software have individual user password protection facilities.

# ThermoCheck Probes



## Probe Specifications - General

Connector Type	Thermocouple
Cable Length	1 Metre (3.3 feet) - retractible
Handle Length	143mm (5.6")
Handle Width	25mm (1")
Strength - Push	25kgf (53 lbf)
Strength - Pull	25kgf (53 lbf)
Strength - Torque	15kg cm (33 lb inch)
IP Rating	IP67

## General Purpose Probe

K type sensor. Strong, fast responding and suitable for a wide range of applications - liquids, semisolids, air and granular penetration. Can be used for general food penetration.

Product Code	TC-TSN-K0234
Max tip temperature	1000°C (1832°F)
Probe Length	100mm (3.9")
Time Const.(secs)	0.6

## Needle Probe

K type sensor, for rapid temperature measurements of items such as food, pharmaceuticals, shellfish, rubber (e.g. car tyres).

Product Code	TC-TSN-K0112
Max tip temperature	400°C (752°F)
Probe Length	60mm (2.4")
Time Const.(secs)	0.5

## Air / Between Pack Probe

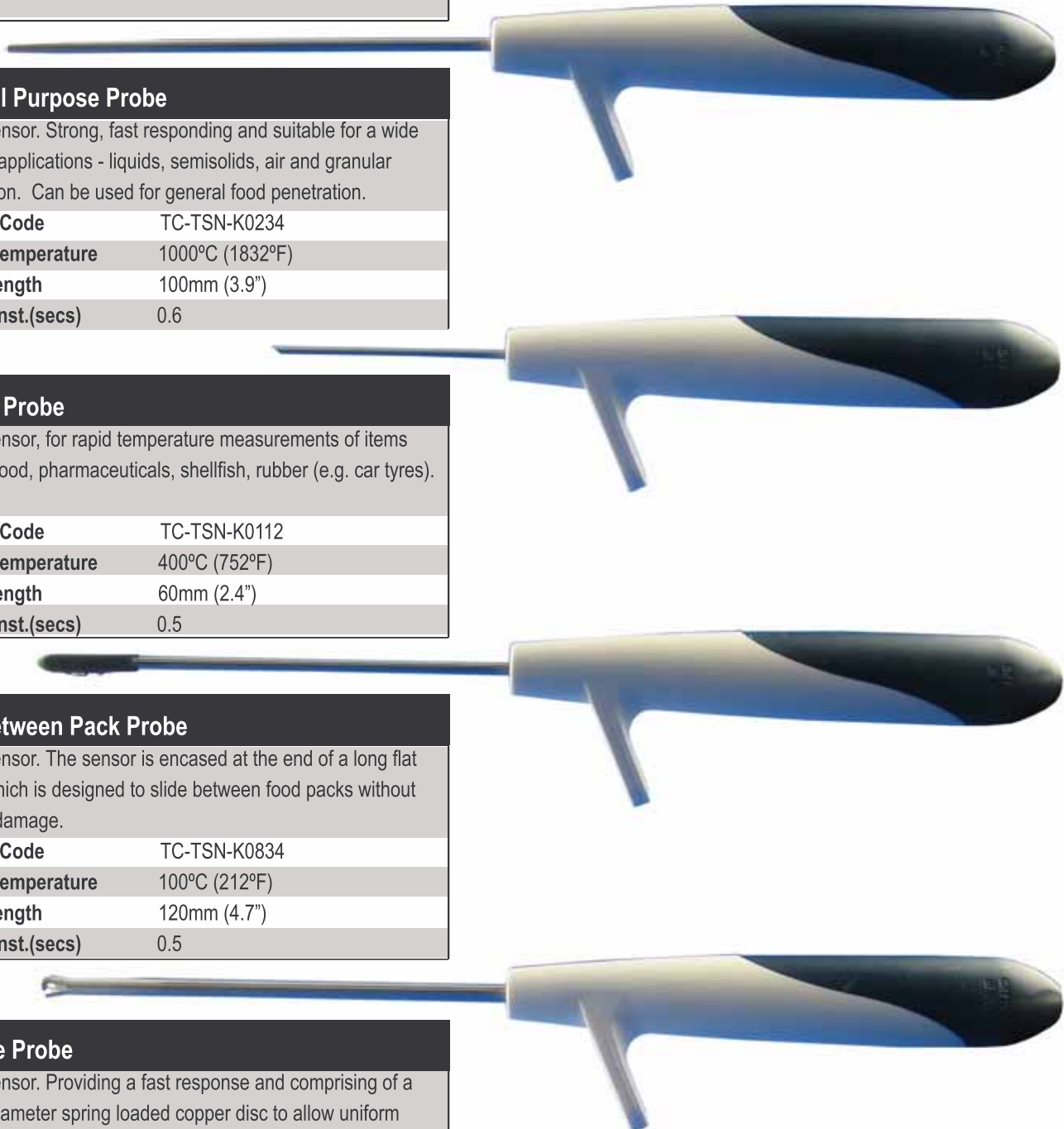
K type sensor. The sensor is encased at the end of a long flat probe, which is designed to slide between food packs without causing damage.

Product Code	TC-TSN-K0834
Max tip temperature	100°C (212°F)
Probe Length	120mm (4.7")
Time Const.(secs)	0.5

## Surface Probe

K type sensor. Providing a fast response and comprising of a 3.5mm diameter spring loaded copper disc to allow uniform pressure on surface to be measured..

Product Code	TC-TSN-K0454
Max tip temperature	500°C (932°F)
Probe Length	60mm (2.4")
Time Const.(secs)	0.4



# ThermoCheck T-Type Probes



## Probe Specifications - General

Connector Type	Thermocouple
Cable Length	1 Metre (3.3 feet) - retractible
Handle Length	143mm (5.6")
Handle Width	25mm (1")
Strength - Push	25kgf (53 lbf)
Strength - Pull	25kgf (53 lbf)
Strength - Torque	15kg cm (33 lb inch)
IP Rating	IP67

## General Purpose Probe

T type sensor. Strong, fast responding and suitable for a wide range of applications - liquids, semisolids, air and granular penetration. Can be used for general food penetration.

Product Code	TC-TSN-T0234
Max tip temperature	250°C (482°F)
Probe Length	100mm (3.9")
Time Const.(secs)	0.6

## Needle Probe

T type sensor, for rapid temperature measurements of items such as food, pharmaceuticals, shellfish, rubber (e.g. car tyres).

Product Code	TC-TSN-T0112
Max tip temperature	400°C (752°F)
Probe Length	60mm (2.4")
Time Const.(secs)	0.5

## Air / Between Pack Probe

T type sensor. The sensor is encased at the end of a long flat probe, which is designed to slide between food packs without causing damage.

Product Code	TC-TSN-T0834
Max tip temperature	100°C (212°F)
Probe Length	120mm (4.7")
Time Const.(secs)	0.5

