

TECHNICAL DATA SHEET



Food Temperature Recording System

ThermaCheck 2 is a simple, reliable temperature recording system for HACCP compliance within the Food Industry.

Its simple set up and download procedure from your PC allows easy analysis and storage of your data and eliminates the need to use traditional paper based systems.

ThermaCheck 2 samples, validates and records critical temperature points at multiple locations or processes, accurately storing over 10,000 readings.

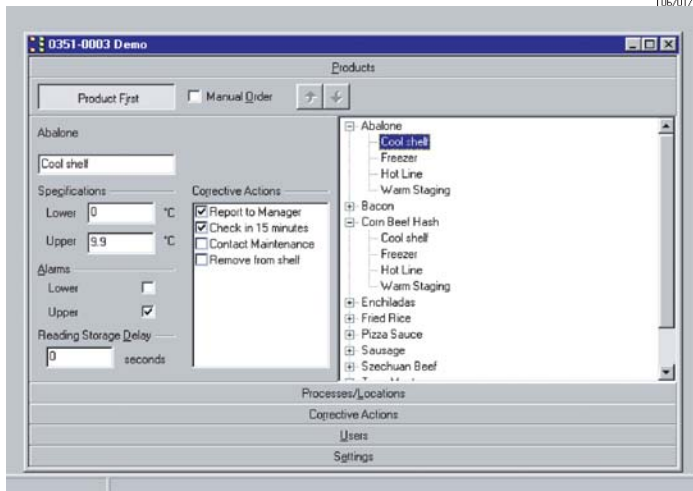
ThermaCheck 2's management software allows users to record appropriate corrective action taken at the time of temperature recording for each product in each location

ThermaCheck 2 Management Software

Key Features

- ✓ Data can be sorted by product, location/processes or user
- ✓ PIN code access allows identification of user for data acquisition
- ✓ Visualisation software allows easy viewing and easy analysis of data in table or graph format

Date / Time	Product	Process/Location	User	(°C) Temperature	OK ?	Corrective Action
06/01/2004 22:4...	Abalone	Cool shelf	JD	21.8	High	Reject
06/01/2004 22:4...	Abalone	Cool shelf	JD	-0.2	Low	Reject
06/01/2004 22:4...	Abalone	Cool shelf	JD	1.7	Ok	
06/01/2004 22:4...	Abalone	Freezer	JD	0.1	High	Remove product
06/01/2004 22:4...	Abalone	Freezer	JD	-19.9	Ok	
06/01/2004 22:4...	Abalone	Freezer	JD	-21.4	Low	Remove product
06/01/2004 22:4...	Bacon	Freezer	JD	-14.9	Ok	
06/01/2004 22:4...	Bacon	Freezer	JD	3.3	High	Contact Mainte...
06/01/2004 22:4...	Bacon	Freezer	JD	15.8	High	Contact Manager
06/01/2004 22:4...	Bacon	Cool shelf	JD	14.2	High	Remove product
06/01/2004 22:4...	Bacon	Cool shelf	JD	1.0	Ok	
06/01/2004 22:4...	Bacon	Cool shelf	JD	-0.3	Low	Contact Mainte...
06/01/2004 22:4...	Bacon	Hot Line	JD	54.7	Low	Retest in 10 Mins.
06/01/2004 22:4...	Bacon	Hot Line	JD	62.4	Ok	
06/01/2004 22:4...	Abalone	Hot Line	JD	64.1	Ok	
06/01/2004 22:4...	Abalone	Hot Line	JD	56.0	Low	Retest in 10 Mins.
06/01/2004 22:4...	Abalone	Warm Staging	JD	40.1	Ok	
04 22:4...	Abalone	Warm Staging	JD	57.8	High	Retest in 10 Mins.
04 22:4...	Corn Beef Hash	Hot Line	JD	57.6	Low	Retest in 10 Mins.
04 22:4...	Corn Beef Hash	Hot Line	JD	63.3	Ok	
04 22:4...	Corn Beef Hash	Cool shelf	JD	8.7	Ok	
04 22:4...	Corn Beef Hash	Cool shelf	JD	10.8	High	Remove product
04 22:5...	Corn Beef Hash	Freezer	JD	14.7	High	Remove product
04 22:5...	Corn Beef Hash	Freezer	JD	-3.7	Ok	
04 22:5...	Corn Beef Hash	Warm Staging	JD	10.7	Low	Retest in 10 Mins.
04 22:5...	Corn Beef Hash	Warm Staging	JD	54.3	High	Retest in 10 Mins.
04 22:5...	Corn Beef Hash	Warm Staging	JD	39.2	Ok	



- ✓ Eliminates potential for false or inaccurate measurements
- ✓ Easily programmable set up to incorporate users specific application requirements for numerous locations and products

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Specification

Operating Temperature	-10 to +50°C ambient (+14°F to +122°F)
Memory	1MB, non-volatile.
Database	Supports upper and lower temperature specifications for 200 different product types each linked with 20 different processes or locations, plus multiple corrective action options
Measuring range	-40°C to 300°C (-40°F to +572°F)
Over/under range	Indicated on display
Sensor type	T type thermocouple.
Accuracy	Instrument only. $\pm 0.3^{\circ}\text{C}$ between -20°C and $+70^{\circ}\text{C}$, $\pm 0.5^{\circ}\text{C}$ elsewhere.
Resolution	0.1°C
Display	Backlit LCD, 128 x 64 pixels.
Time and date	Real time clock, accuracy better than 40 seconds per month at ambient.
Power source	Two AA rechargeable batteries. Can be recharged with a 4.5V DC power adaptor plugged into the power socket of the PC interface cable. (rechargeable cells only)
Typical battery life	Up to 45 hours continuous use with Alkaline batteries(without backlight). Extended use with rechargeable batteries
Low battery check	Indicated on display.
Auto Switch-off	Selectable.
Case material	Polycarbonate/ABS
IP Rating	IP65
Data Recovery	Via interface cable and ThermaCheck 2 user software
Size (HxWxD)	155x72x26 mm
Weight	117 grams excluding batteries.
Warranty	12 months (excludes any batteries)

Probe options

T0234	T Type General Purpose Probe
T0000	T Type Air Probe
T0112	T Type Needle Probe
T0834	T Type Between Pack probe