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# Saf-T-Log<sup>®</sup>

## HACCP recording thermometer



THE QUEEN'S AWARDS  
FOR ENTERPRISE:  
INTERNATIONAL TRADE  
2012



# Saf-T-Log<sup>®</sup>

## HACCP recording thermometer

- displays date, time, user name, pass/fail & corrective action
- paperless! eliminates the use of logbooks & human error
- automatically archives data & creates reports

Measure, store, download and print temperature reports. No more paper logs or complicated PDA's to train staff how to use! The Saf-T-Log is as easy to use as your current thermometer.

The Saf-T-Log includes Windows<sup>®</sup> software to create a list of up to 300 items that you routinely measure, 10 remedial actions, along with up to 25 users. Each item can include a high/low temperature limit that gives the user instant on-screen pass/fail feedback and gets printed on the report. Once your checklist is created, it can be saved, emailed to other users and uploaded onto any Saf-T-Log.

To record readings, simply scroll to the correct item and press record. Once readings are taken they can be uploaded to a PC automatically when reconnected. The data is archived and a report is generated automatically with no additional user input. The Saf-T-Log report is locked so the data logged cannot be tampered with.

The Saf-T-Log can be used anywhere with interchangeable type K thermocouple probes and is housed in a durable IP66/67 waterproof housing. Measure temperatures from -100 to 1372 °C depending on the probe selected. It also includes a high contrast backlit display with an accuracy of ±0.4 °C and a calibration trim function.

*"The Saf-T-Log is a total innovation from ETI. No other recording handheld system records data this intuitively at anywhere near the price"*



specification	Saf-T-Log
range	-100 to 1372 °C
resolution	0.1 °C
accuracy	±0.4 °C ±0.1 % of reading
battery	3 x 1.5 volt AAA
battery life	>2500 hours
sensor type	type K thermocouple
display	12 mm LCD
dimensions	32 x 71 x 141 mm
weight	220 grams
<i>FREE traceable certificate of calibration included</i>	

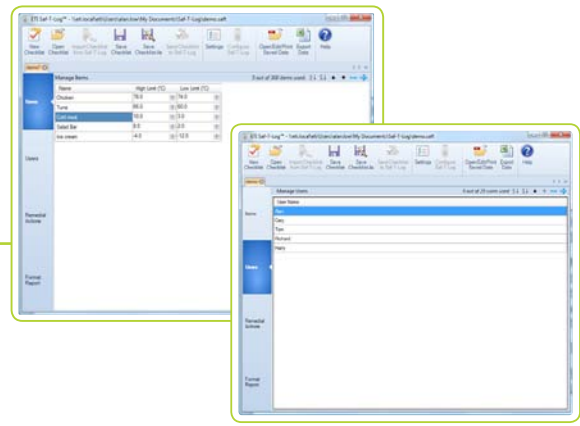
order code	description
292-701	Saf-T-Log
830-231	protective white silicone boot <i>the Saf-T-Log is exclusive of probe</i>

# Saf-T-Log<sup>®</sup>

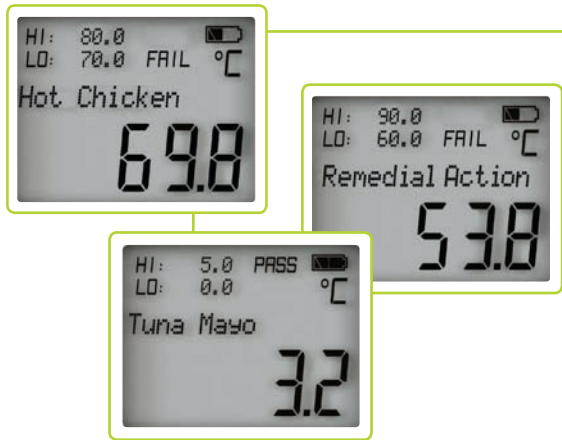
so how does it work?

## Step 1: Create Custom Checklists

With the Saf-T-Log Windows<sup>®</sup> utility, you set up a checklist that gets downloaded onto the handheld. Create as many checklists as needed and store them to the PC and email to your other locations. Create up to 300 items to be measured, 10 remedial actions and up to 25 users. You can choose which checklist to use when you sync the Saf-T-Log.



## Step 2: Take Readings

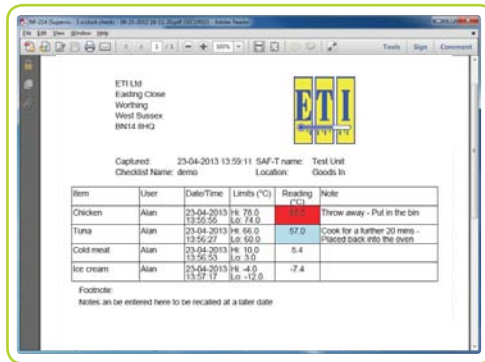
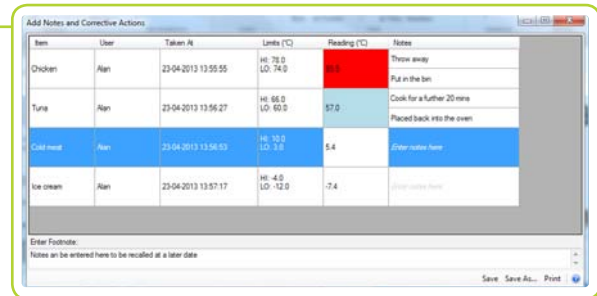


With the checklist items loaded onto the handheld, readings are stored with location, user, date, time and limits. Up to 1000 readings are stored before upload is required. Attach the appropriate type K thermocouple probe and store readings with the press of a button. Scroll quickly through your checklist with the ▲▼ buttons.

The Saf-T-Log display shows the current item to be measured, high and low targets, pass/fail status and a large temperature display. For failed readings the user can input up to 10 remedial actions, which can be displayed on the device when out of limit temperatures are recorded.

## Step 3: Save Readings / Print Report

When the handheld is reconnected to the PC via USB cable (supplied), everything happens automatically. Readings are archived and a report is automatically generated. All you need to do is print. For advanced users, an additional remedial action, or note can be added and stored to the report.



## Step 4: Report Generated Automatically

Completely eliminates hand writing! Reports are created automatically from the saved readings. Failed results are highlighted and remedial actions or notes included. Filed electronically for quick recall during audits or printed for hard copy archives. Data stored in locked PDF format for tamper-proof data storage.










## USB Connection Point

The Saf-T-Log incorporates a USB port which allows the user to connect to a PC. Data is then transferred and a report automatically generated. The user can also export the data into Microsoft<sup>®</sup> Excel for a more in-depth analysis.



# Hand Held Temperature Probes

## type K thermocouple

		order code
<p><b>penetration probe</b></p>  <p>Ø3.3 x 130 mm</p>	<p>This stainless steel penetration probe is strong and versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.</p>	<p>123-160 323-160 (coiled lead)</p>
<p><b>penetration probe</b></p>  <p>Ø3.3 x 300 mm</p>	<p>This extended, stainless steel penetration probe is versatile. Ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -60 to 250 °C.</p>	<p>123-168 323-168 (coiled lead)</p>
<p><b>fast response probe</b></p>  <p>Ø3.3 x 100 mm</p>	<p>This reduced tip, fast response, stainless steel penetration probe is ideal for liquids or semi-solids i.e. delicate foods or similar. Response time less than two seconds. Probe temperature range -60 to 250 °C.</p>	<p>123-159 323-159 (coiled lead)</p>
<p><b>needle penetration probe</b></p>  <p>Ø1.8 x 130 mm</p>	<p>This fast response, stainless steel, needle penetration probe is suitable for liquids and semi-solids i.e. delicate foods or similar. Response time less than two seconds. Probe temperature range -60 to 250 °C.</p>	<p>123-100 323-100 (coiled lead)</p>
<p><b>ribbon surface probe</b></p>  <p>Ø15 x 130 mm</p>	<p>This precision, straight, ribbon surface probe utilises flat ribbon technology that ensures a fast, accurate response with minimal heat loss. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.</p>	<p>123-030</p>
<p><b>rigid between pack probe</b></p>  <p>Ø4.5 x 130 mm</p>	<p>This rigid, stainless steel between pack probe is strong and versatile, designed specifically to measure between packets or boxes of produce. Response time less than three seconds. Probe temperature range -60 to 250 °C.</p>	<p>123-060 323-060 (coiled lead)</p>
<p><b>miniature needle probe</b></p>  <p>Ø1.4 reducing to Ø1 mm tip x 50 mm</p>	<p>This miniature, stainless steel needle probe is supplied with a one metre PTFE lead. Ideal for measuring small semi-solid items. Response time less than one second. Probe temperature range -60 to 250 °C.</p>	<p>133-180</p>
<p><b>oven probe</b></p>  <p>Ø3.3 x 130 mm</p>	<p>This oven probe has a stainless steel handle and a two metre PTFE high temperature lead. An oven probe without a handle is also available. Response time less than four seconds. Probe temperature range -60 to 250 °C</p>	<p>133-170 133-173 (no handle)</p>
<p><b>air or gas probe</b></p>  <p>Ø4.5 x 130 mm</p>	<p>This stainless steel, fast response air/gas probe is ideal for measuring air temperature in chill cabinets, fridges, freezers, storage areas or similar. Response time less than 0.5 of a second. Probe temperature range -60 to 250 °C.</p>	<p>123-300 323-300 (coiled lead)</p>

