ESCORT ThermoCheck

Product Code: TC-MKV

**Multi-purpose handheld temperature measuring instrument.
Checks and records critical temperatures at multiple locations.**

Escort *ThermoCheck* provides a complete traceable system for product and process validation used in, for example, HACCP compliance quality Systems.

Features include:
- Programmable database of product types, processes and locations as well as temperature specification and possible corrective actions
- User identification by PIN code
- Data recording of:
    - Critical Temperature
    - Product type
    - Process or location
    - User identity
    - Date & Time
- If product out of specification, user is prompted to specify **Corrective Action**
- Management software provides tools for configuring and analysing data.
- Memory : 1,000,000 bytes non volatile
- Readings: Typically 2500
- Database :
  Supports 200 product types,
  20 processes per product type.
- Standard measurement range:
   -40 to +300°C

MORE THAN JUST A TEMPERATURE METER ...

***ThermoCheck*'s internal database can be configured with all your product details, processes and acceptance bands.**

Each reading stores, together with the temperature reading, the product type, process or location, currently registered user and the date & time - and it can store thousands of these readings!

ThermoCheck interfaces via the interface cable to any PC and together with exclusive Software manages all your product data.

ThermoCheck management software provides complete facilities for data retrieval, analysis and storage. The software also allows you to configure *ThermoCheck*'s database of products, processes or locations together with specifications (i.e. temperature acceptance bands).

ThermoCheck 's huge memory is non volatile, which means that no data is lost if batteries are removed or run out, and the built in security features ensure that only authorised people have access to the recorded data and database configuration.

ThermoCheck – today's solution to your HACCP requirements!

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Summary

The *ThermoCheck* is a portable temperature meter and temperature measurement storage device used for validating critical control point temperatures typically during food preparation and storage. Product descriptions and locations/processes together with pass/fail temperature specifications are stored in the unit's database. User identification by PIN code entry is supported. Each stored measurement contains the measured temperature, the product details, process or location and user. *ThermoCheck* user software provides facility for download, readings analysis, storage and database configuration. *ThermoCheck* interfaces to a PC via an interface cable*.*

Specifications (standard configuration)

Operating Temperature	-10/65°C
Storage temperature	-40/85°C
Memory	1MB, non-volatile
Database	Supports upper and lower specifications for 200 different product types each with 20 different processes or locations. Supports 20 different users identified by PIN code entry.
Number of readings	Supports 2500 individual product readings complete with product type, process/location, reading and user.
Measuring range	-40°C to +300°C (-40°F to +392°F)
Temperature response	Depends on probe type and housing used.
Sensor type	T-Type Thermocouple
Accuracy	+/- 0.9°C
Average 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
Traceability	Temperature Calibration can be provided to ISO 9002
Power source	Two Nicad/NiMh or alkaline batteries. Can be recharged with a 6V DC power adaptor plugged into the power socket of the PC interface cable. Batteries are not included.
Typical battery life	Up to 45 hours continuous use with alkaline batteries (without backlight)
Case material	Polycarbonate/ABS
IP Rating	IP65
Data recovery	Via interface cable and *ThermoCheck* user software
Size (HxWxD)	155x72x26 (excluding hook)
Weight	117 grams (excluding batteries)
Warranty	12 months (excludes any batteries)

Accessories

Product	Product Code	Description
PC Interface	TC-INT	PC interface cable with power input socket for DC Adaptor; included with TC-MKV
Database Software	TC-DB	*ThermoCheck* for Windows Software for creating databases that can be uploaded into the ThermoCheck
General Purpose Probe	TC-TSN-T0234	T-Type Thermocouple General Purpose Probe
Surface Probe	TC-TSN-T0454	T-Type Thermocouple Surface Probe
Between Pack Probe	TC-TSN-T0834	T-Type Thermocouple Air or Between Pack Probe
Hypodermic Needle Probe	TC-TSN-T0112	T-Type Thermocouple Hypodermic Needle Probe

Please enquire for more probe options!

ESCORT DLS Messtechnik AG reserve the right to change the specifications without notice.