Committing to the future

Food Hygiene Monitoring Instruments

2009

Food Safety Rules and Regulations

EU Food Hygiene Legislation

January 1st 2006 saw the introduction of the new EU food hygiene laws affecting all food businesses, including caterers, primary producers (such as farmers), manufacturers, distributors and retailers, with the key aim of reducing the number of cases of food poisoning.

The new EU regulations are as follows:

- EC 852/2004 - on the hygiene of food stuffs
- EC 853/2004 - specific hygiene rules for food of animal origin
- EC 854/2004 - specific rules for the organisation of official controls on products of animal origin intended for human consumption

The new legislation also requires that all food business operators put in place, implement and maintain a permanent food safety management procedure(s) based on HACCP principles.

About HACCP

HACCP stands for “Hazard Analysis Critical Control Point” and is an internationally recognised and recommended system of food safety management. It focuses on identifying the “critical points” in a process where food safety hazards could arise and putting steps in place to control such hazards. Record documentation is also an important part of a HACCP system.

Testo offers a wide range of instruments to help you keep HACCP compliant, giving you extra reassurance that your methods are safe.

BS EN Regulations

Further EC regulations are placed on measuring instruments and data loggers when used in specific environments.

BS EN 12380 is the regulation for data loggers used within the transportation and storage of chilled and frozen foods. Testo’s 175-T1 and 175-T2 data loggers comply with this regulation (see pages 16 - 17 for further details).

BS EN 13485 is the regulation for portable measuring instruments used within the transportation and storage of chilled and frozen foods. The following Testo instruments, featured within this brochure, comply with this regulation:

- Testo 106 penetration thermometer (page 4)
- Testo 105 robust hand-held thermometer (page 5)
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Testo 106
Ultimate Penetration Thermometer

Testo's ultimate penetration thermometer is ideal for quick and uncomplicated core temperature checks in all areas of food production, preparation and storage.

- Dishwasher-proof TopSafe protection case for easy cleaning (IP 67)
- Wide measuring range with high accuracy
- Fast measurement rate (2 measurements per second)
- User adjustable high and low alarms
- Belt clip and wall bracket included
- BS EN 13485 compliant when used with TopSafe protection case

Did You Know ?
Our TopSafe cases are dishwasher-proof for the highest hygiene standards

Technical Data	
Measuring range	-50 to +275 °C
Accuracy ±1 digit	±1 °C (+100 to +275 °C) ±0.5 °C (-30 to +99.9 °C) ±1 °C (-50 to +30.1 °C)
Resolution	0.1 °C
Sensor type	NTC
Battery life	350 hours

Testo 106 Including Topsafe
Penetration thermometer including TopSafe waterproof protection case, probe protection cap, wall bracket/belt clip and battery

Part Number	300563 1063
Price	£38.00 €50.00

Accessories	Part Number	Price £	Price €
Additional TopSafe protection case	0516 8265	13.40	18.00

Testo 105
Hand-Held T-Bar Thermometer

Robust hand-held T-bar thermometer, with interchangeable measurement tips, for control measurements in abattoirs, refrigerated storerooms and meat processing.

- Water resistant (IP 65)
- Optional interchangeable probes
- Two user-defined limit values, alarm visual or audible
- Built-in backlit display
- 2 line display
- BS EN 13485 compliant

Technical Data	
Measuring range	-50 to +275 °C
Accuracy ±1 digit	±0.5 °C (-20 to +100 °C) ±1 °C (-50 to -20 °C) ±1 % (+100.1 to +275 °C)
Resolution	0.1 °C
Sensor type	NTC
Battery life	80 hours (auto off 10 mins)

Testo 105
Testo 105 hand-held T-bar thermometer and standard 100 mm measurement tip

Part Number	0563 1051
Price	£76.70 €100.00

Testo 105 Set
Testo 105 hand-held T-bar thermometer with standard measurement tip, frozen food tip, long measurement tip and wall bracket/belt clip in an aluminium case

Part Number	0563 1052
Price	£176.00 €229.00

Accessories	Part Number	Price £	Price €
Standard measurement tip, 100 mm long	0613 1051	19.00	25.00
Frozen food tip, 90 mm long	0613 1052	50.30	66.00
Long measurement tip, 200 mm long	0613 1053	20.50	27.00

Testo 926
Type T Thermometer

Designed for use throughout the food industry this fast and accurate thermometer can be used with both corded and optional wireless probes.

- Wide range of rugged probes for every food application
- Optional wireless probe measurement
- Auto hold with user-settable times
- BS EN 13485 compliant when used with TopSafe protection case
- Optional print out facility
- Audible alarm (adjustable alarm limits)
- Date and time set up function

Technical Data	
Measuring range	-50 to +400 °C
Accuracy ±1 digit	±0.3 °C (-20 to +70 °C) ± (0.7 °C ±0.5 % of mv) (remaining range)
Resolution	0.1 °C (-50 to +199.9 °C) 1 °C (remaining range)
Sensor type	Type T
Battery life	200 hours (connected probe, backlight off) 68 hours (connected probe, backlight always on)

Testo 926 Starter Set

Single channel type T thermometer including waterproof TopSafe protection case, standard immersion/penetration probe, battery and calibration protocol

Part Number	0563 9262
Price	£129.00 €168.00

Accessories	Part Number	Price £	Price €
Robust air probe, T/C Type T	0603 1793	49.40	65.00
PTFE Type T wire probe, 1m	300000 0646	10.00	13.00
Oven thermocouple probe, 2m length, -50 to +250 ºC	0603 0646	37.80	50.00
Waterproof immersion/penetration probe, T/C Type T	0603 1293	38.00	50.00
Wireless NTC immersion/penetration probe	0613 1001	68.90	90.00
Wireless radio module (converts instrument for use with wireless probes)	0554 0188	26.70	35.00
Testo infrared printer, with paper and batteries	0554 0547	154.00	200.00

Testo 925
Spot Check Thermometer

Fast-action spot check thermometer with special probes ideal for hotels, industrial kitchens, catering and supermarkets.

- Single channel measuring instrument with optional radio probe
- Continuous display of max/min values
- Display light
- Audible alarm sounds when limit values are exceeded

Technical Data	
Measuring range	-50 to +1000 °C
Accuracy ±1 digit	±(0.5 °C +0.3% of mv) (-40 to +900 °C) ±(0.7 °C +0.5% of mv) (remaining range)
Resolution	0.1°C (-50 to +199.9 °C) 1 °C (remaining range)
Sensor type	Type K
Battery life	200 hours (connected probe, backlight off) 45 hours (radio mode, backlight off) 68 hours (connected probe, backlight always on) 33 hours (radio mode, backlight always on)

Testo 925

Testo 925, single channel temperature measuring instrument T/C Type K, audible alarm, connection of an optional radio probe, with battery and calibration protocol

Part Number	0560 9250
Price	£70.00 €91.00

Accessories	Part Number	Price £	Price €
Immersion/penetration probe Type K	0602 1293	£28.60	€38.00
Air probe Type K	0602 1793	£41.30	€54.00
Waterproof food probe made of stainless steel (IP65) T/C Type K	0602 2292	£83.70	€109.00
Robust food probe with special handle (IP65), reinforced cable (PUR), T/C Type K	0602 2492	£68.90	€90.00
Immersion tip/flexible	0602 5792	£27.00	€36.00

Testo 110
NTC Thermometer

Designed for use throughout the food processing and service industry, this versatile thermometer can be used with both corded and optional wireless probes.

- Wide range of probes for all areas of food measurement
- Optional wireless probe measurement
- Date and time set up function
- TopSafe protective case guards against water, damage and dirt
- Continuous display of max/min values
- Adjustable audible alarm limits
- Optional print out facility

Technical Data	
Measuring range	-50 to +150 °C -0 to +275 °C
Accuracy ±1 digit	±0.2 °C (-20 to +80 °C) ±0.3 °C (remaining range)
Resolution	0.1 °C
Sensor type	NTC
Battery life	200 hours (connected probe, backlight off) 68 hours (connected probe, backlight always on)

Testo 110

Testo 110 NTC thermometer with audible alarm, battery and calibration protocol

Part Number	0560 1108
Price	£71.00 €93.00

Accessories	Part Number	Price £	Price €
Waterproof NTC immersion/penetration probe	0613 1212	46.00	60.00
Frozen food probe NTC corkscrew design	0613 3211	123.00	160.00
Waterproof NTC surface probe for flat surfaces	0613 1912	55.00	72.00
Wireless NTC immersion/penetration probe	0613 1001	68.90	90.00
Wireless radio module (converts instrument for use with wireless probes)	0554 0188	26.70	35.00
TopSafe protects instrument from impact and dirt	0516 0221	18.00	24.00
Testo infrared printer with paper and batteries	0554 0547	154.00	200.00

Testo 735
Advanced Multi-Channel Thermometer

Highly versatile, multi-channel thermometer with logging ability and location management. A wide range of optional probes available including Pt100, T/C Type K, T/C Type T and wireless probes.

- System accuracy up to 0.05 °C
- Stores up to 10,000 readings
- PC-software for filing and documenting measurement data
- Storage of single measurements or measurement series by location
- Print out on site with optional Testo infrared printer

Technical Data		
Measuring range	-200 to +800 °C	-200 to +1,370 °C
Accuracy	±0.2 °C (-100 to +199.9 °C)	±0.3 °C (-60 to +60 °C)
±1 digit	±0.2% of mv (remaining range)	± 0.5% of mv (remaining range)
Resolution	0.05 °C	0.1 °C
Sensor type	Pt100	K
Battery life	200 hours (connected probe, backlight off) 68 hours (connected probe, backlight always on)	

Testo 735-2
Multi-Channel Thermometer

Testo 735-2 advanced multi-channel thermometer including PC software, USB cable, battery and calibration protocol

Part Number	0563 7352
Price	£292.00 €380.00

NB: For Type T probes please see page 6 (Testo 926 accessories)

Accessories	Part Number	Price £	Price €
Waterproof immersion/penetration probe, T/C Type K	0602 1293	28.60	38.00
Waterproof stainless steel food probe (IP 65) T/C Type K	0602 2292	83.70	109.00
Robust, waterproof Pt100 immersion/penetration probe	0609 1273	60.50	79.00
Transportation case for instrument and probes	0516 0035	59.90	78.00
Testo infrared printer with paper and batteries	0554 0547	154.00	200.00

Testo 805
Mini Infrared Thermometer

Compact infrared thermometer ideal for quick measurements at delivery, storage and hot cupboards. For quick surface and air measurements of fridge/freezers, hot cupboards and point of delivery.

- Only 80mm long
- Fast response for bulk storage areas
- Packaging remains undamaged
- Rugged TopSafe case is dishwasher-proof
- Spot ratio 1:1
- Display min/max values

Did You Know ?
Infrared thermometers are ideal for checking temperature at point of delivery

Technical Data	
Measuring range	-25 to +250 °C
Accuracy ±1 digit	±3 °C (-25 to -21 °C) ±2 °C (-20 to -2.1 °C) ±1 °C (-2 to +40 °C) ±1.5 °C (+40.1 to +150 °C) ±2 % of mv (+150.1 to +250 °C)
Resolution	0.1 °C (-9.9 to +199.9 °C) 1 °C (remaining range)
Sensor type	Integrated infrared sensor
Battery life	40 hours (typical)

Testo 805 Set
Testo 805 infrared thermometer including TopSafe and battery

Part Number	0563 8051
Price	£50.00 €65.00

Accessories	Part Number	Price £	Price €
Additional TopSafe protection case	0516 8051	10.60	14.00

Testo 610
Humidity and Temperature Measurement

Innovative pocket sized measurement technology for air temperature and humidity checks.

- Reliable and stable measurement with Testo humidity sensor
- 2.5 %rh accuracy with calibration protocol
- Includes dewpoint and wet bulb calculation
- Useful aid for dampness and air quality investigations

Technical Data	Temperature	Humidity
Measuring range	-10 to +50 °C	0 to 100 %rh
Accuracy	±0.5 °C	±2.5 %rh (5 to 95 %rh)
Resolution	0.1 °C	0.1 %rh

Testo 610
Includes Testo 610, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number	0560 0610
Price	£124.00 €162.00

Testo 810
Air and Surface Temperature Measurement

Innovative pocket sized measurement technology for air and surface temperature measurement.

- Surface temperature IR measurement with 1-point laser spot marking and 6:1 optics
- Air temperature measurement
- Display of differential temperature e.g. between surface and air
- Hold function and max/min values

Technical Data	Surface	Air
Measuring range	-30 to +300 °C	-10 to +50 °C
Accuracy	± 2.0 °C (-30 to +100 °C) ± 2% of m.v. (remaining range)	± 0.5 °C
Resolution	0.1 °C	0.1 °C

Testo 810
Includes Testo 810, wrist strap, belt holder, protective cap, calibration protocol and batteries

Part Number	0560 0810
Price	£81.00 €106.00

Testo 826

Non-Contact or Direct Temperature Measurement

An infrared thermometer ideal for non-contact, quick surface or air temperature measurement checks.

- Small and practical
- Non-contact measurement without damaging the packaging
- Core temperature measurement with thin, robust measuring tip (826-T3 & 826-T4 models)
- Upper and lower limit value monitoring with optical alarm (audible alarm on 826-T2 & 826-T4 models)
- Wall/belt holder included
- Dishwasher-proof TopSafe protection case (IP 67)
- Spot ratio 6:1

Technical Data

Probe type	Infrared	NTC
Measuring range	-50 to +400	-50 to +230 °C
Accuracy ±1 digit	±1.5 °C (-20 to +100 °C) ±2 °C or 2% of mv (remaining range)	±0.5 °C (-20 to +99.9 °C) ±1 °C or 1% of mv +100 to +230 °C 1 °C (-50 to -20.1 °C)
Resolution	0.5 °C	0.1 °C
Sensor type	Infrared	NTC
Battery life	150 hours - 826-T1 20 hours - 826-T2 100 hours - 826-T3 15 hours - 826-T4	

Testo 826-T1
Infrared Thermometer

Testo 826-T1 infrared thermometer without laser sighting, includes TopSafe and wall/belt holder

Part Number	0563 8261	
Price	£92.00	€120.00

Testo 826-T2
Infrared Thermometer with Laser Sighting

Testo 826-T2 infrared thermometer with laser sighting and alarm function, includes TopSafe and wall/belt holder

Part Number	0563 8262	
Price	£116.00	€151.00

Testo 826-T3
Infrared Thermometer with Penetration Probe

Testo 826-T3 2-in-1 thermometer without laser sighting, includes TopSafe, wall/belt holder, probe protection cap and frozen food drill

Part Number	0563 8263	
Price	£169.00	€220.00

Testo 826-T4
Infrared Thermometer with Penetration Probe and Laser Sighting

Testo 826-T4 2-in-1 thermometer with laser sighting and alarm function, includes TopSafe, wall/belt holder, protection cap and frozen food drill

Part Number	0563 8264	
Price	£193.00	€251.00

Testo 831

Infrared Thermometer with Laser Sighting

Fast and versatile infrared thermometer suitable for fast product scans up to 1m distance at incoming goods departments, shelves, etc. Ideal for use in supermarkets, convenience stores, warehouses and catering applications.

- 30:1 focus
- Backlit display
- Audible/visual alarm
- Emissivity adjustable from 0.2 to 1.0
- Belt holder included

Technical Data

Measuring range	-30 to +210 °C
Accuracy ±1 digit	±2 °C or ±2 % of mv (-30 to -20.1 °C) ±1.5 °C or 1.5 % of mv (-20 to +210 °C)
Resolution	0.5 °C
Sensor type	Integrated infrared thermometer
Battery life	15 hours

Testo 831

Testo 831 infrared thermometer with 2 point laser sighting, adjustable limit values and alarm function. Includes belt holder and calibration protocol

Part Number	0560 8310	
Price	£144.00	€187.00

Testo 831 Set

Testo 831 infrared thermometer with belt holder and calibration protocol. Set also includes Testo 106 penetration thermometer with belt clip and TopSafe cover (see page 4 for more details)

Part Number	0563 8310	
Price	£183.00	€238.00

Mini Thermometers and Thermometer Strips

Fridge/Freezer Thermometer

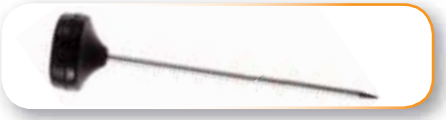
Easy to read waterproof fridge/freezer thermometer
Measuring range -40 to +40 °C with up to 1 °C accuracy

Part Number	300560 4018	
Price	£12.00	€16.00

Testo Mini Surface Thermometer

Measuring range of -50 to +250 °C with up to 1 °C accuracy, 120mm long

Part Number	0900 0519	
Price	£25.20	€33.00



Testo Mini Thermometer

Measuring range of -50 to +150 °C with up to 1 °C accuracy, 120mm long

Part Number	0900 0525	
Price	£18.70	€25.00

Testo Waterproof Mini Thermometer

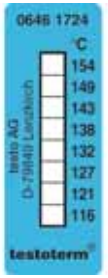
Dishwasher-safe thermometer (IP68). Measuring range of -40 to +230 °C with up to 0.3 °C accuracy, 120mm long

Part Number	0900 0528	
Price	£18.00	€24.00

Thermometer Strips

Self-adhesive foils with temperature sensitive elements for temperature control and regulation, ideal for monitoring batches during cooking or temperature checks in warehouses and during transportation.

- Measuring range +37 to +280 °C
- Irreversible change in colour within 2 seconds
- Booklet of 10 thermometer strips

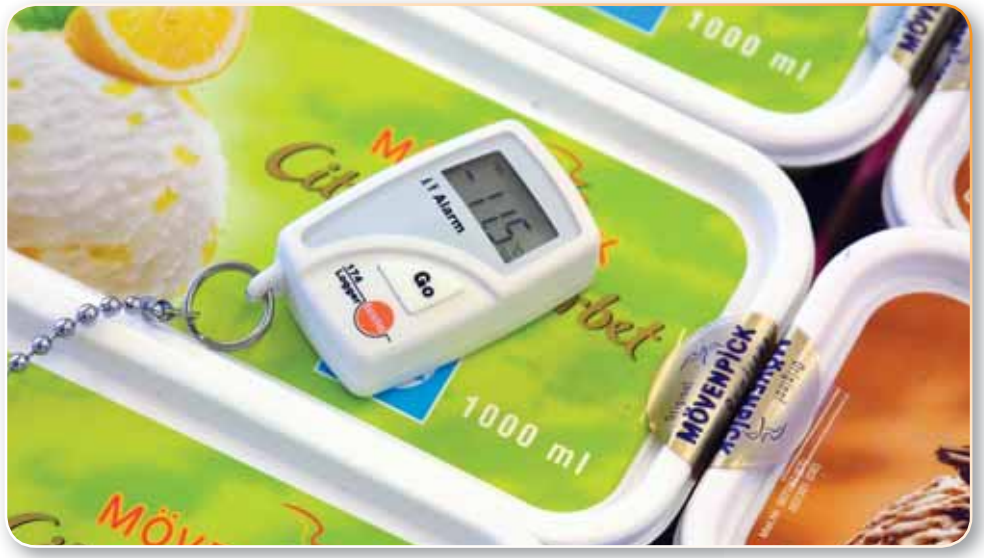


Quantity discounts and rolls available. Please call for further information.

Testoterm Strips	Part Number	Price £	Price €
+37 to +65 °C	0646 0108	18.40	24.00
+71 to +110 °C	0646 0916	18.40	24.00
+116 to +154 °C	0646 1724	18.40	24.00
+161 to +204 °C	0646 2532	18.40	24.00
+204 to +260 °C	0646 3341	18.40	24.00
+249 to +280 °C	0646 0005	18.40	24.00

Testo 174

Mini Data Logger



High accuracy single channel mini temperature data logger with digital display, ideal for monitoring temperature during transportation and storage.

- Waterproof (IP 65)
- Eliminates time needed for paper records
- Max/min values can be displayed
- Secure data even if the battery goes down (typical life of 1.5 years)
- Complies with BS EN 12830
- Wall bracket and padlock included

Testo 174 Starter Set

Mini temperature data logger, 1 channel, ComSoft 3 Basic, wall bracket, lock, interface including USB connection cable, battery

Part Number	0563 1743	
Price	£123.00	€160.00

Technical Data	
Measuring range	-30 to +70 °C
Accuracy	± 0.8 °C (-30 to -20.1 °C)
±1 digit	± 0.5 °C (-20 to +40 °C)
	± 0.8 °C (+40 to +70 °C)
Resolution	0.1 °C
Memory	3,900
Sensor type	NTC Thermistor
Battery life	500 days (typical)

Testo 174

Mini temperature data logger, 1 channel, including wall bracket, lock and battery

Part Number	0563 1741	
Price	£49.00	€64.00

Testo 175-T
Temperature Data Logger Range

Compact data loggers for temperature measurement that guarantees uninterrupted monitoring of air temperatures.

- Memory up to 16,000 readings
- 1 line clear LCD display
- Eliminates time needed for paper records
- Secure data even if the battery goes down (typical life of 2.5 years)
- Complies with BS EN 12830

Testo 175-T1 Data Logger

Temperature data logger, 1 channel, internal sensor. Supplied with wall holder and calibration protocol

Part Number	0563 1754
Price	£89.00 €116.00

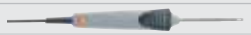
Testo 175-T2 Data Logger

Temperature data logger, 2 channels, with internal sensor and external probe socket. Supplied with wall holder and calibration protocol

Part Number	0563 1755
Price	£109.00 €142.00

Technical Data

	Testo 175-T1	Testo 175-T2
Measuring range	-40 to +120 °C	
Accuracy	± 0.5 °C (-20 to +70 °C)	
±1 digit	± 1 °C (remaining range)	
Resolution	0.1 °C (-20 to +70 °C) 0.3 °C (remaining range)	
Memory	7,800	16,000
Sensor type	NTC	
Battery life	Up to 2.5 years	

Accessories		Part Number	Price £	Price €
Waterproof NTC immersion/penetration probe		0613 1212	46.00	60.00
Robust NTC air probe		0613 1712	51.00	67.00

Testo 175-H2
Humidity Data Logger

Compact humidity/temperature logger with display, providing you with fast on-site overviews of current readings.

- Humidity sensor for long term stability
- Eliminates time needed for paper records
- Secure data even if the battery goes down

Technical Data

Measuring range	-20 to +70 °C 0 to 100% rh
Accuracy	± 0.5 °C
±1 digit	± 1 digit ± 3% rh
Resolution	0.1 °C 0.1% rh
Memory	16,000
Sensor type	NTC and humidity capacitive sensor
Battery life	2.5 years typical

Testo 175-H2 Data Logger

Humidity/temperature logger, 2 channels, built-in sensors, wall holder and calibration protocol

Part Number	0563 1758
Price	£217.00 €282.00

Accessories

ComSoft Basic for 175 USB interface

Testo ComSoft software enables you to monitor, save and print logger data. Once downloaded, data can be shown in a table or graph format

Part Number	0554 1766
Price	£96.00 €125.00

Testo 575 Fast Printer and Logger Control

Infrared printer that prints straight from any Testo product (with print function), without the need for PC connection. Can also be used to stop and restart data loggers

Part Number	0554 1775
Price	£294.00 €382.00

Testo 580 Data Collector with USB Interface

Collects the data from your loggers and downloads this to PC via the available ComSoft software, without the need to remove loggers from their location. Can also be used to stop and restart the loggers

Part Number	0554 1764
Price	£201.00 €261.00

Testo Saveris

Wireless Temperature and Humidity Monitoring

Testo Saveris offers an extensive range of radio and Ethernet probes making it a truly flexible temperature and humidity monitoring solution for a wide range of applications. The Saveris software stores data centrally, providing traceability of important quality data.

Applications include:

- Cold food monitoring to ensure HACCP compliance
- Food production, processing and storage environments
- Continuous monitoring of displayed cold foods in cafeterias and restaurants
- Use within transportation and storage of chilled and frozen foods
- Food outlets such as supermarkets, kitchens and specialist retailers

User-friendly features:

- Automatically measures, documents and issues limit value alarms
- Flexible system set-up with wireless or Ethernet probes – up to 150 probes can be connected
- Data can be accessed via the internet
- Automatic creation of PDF reports
- Easy to install and operate

Testo Saveris

Wireless Temperature and Humidity Monitoring

Testo Saveris can be confi gured to monitor data from up to 150 radio and Ethernet probes.

For smaller applications the following sets are available:

Saveris Set 1

Set 1: 868 MHz, consisting of base 0572 0120, 3 NTC radio probes without display 0572 1110, mains unit for base 0554 1096 and SBE software 0572 0180 including USB cable

Saveris Set 1	Part Number	Price £	Price €
Set 1, 868 MHz	0572 0110	1,151.00	1,495.00

Saveris Set 2

Set 2: 868 MHz, consisting of base 0572 0120, 5 NTC radio probes with display 0572 1120, router 0572 0119, 2 mains units for base and router 0554 1096 and SBE software 0572 0180 including USB cable

Saveris Set 2	Part Number	Price £	Price €
Set 2, 868 MHz	0572 0111	1,597.00	2,074.00

Saveris Set 3

Set 3: 868 MHz, consisting of base 0572 0121 including GSM module for SMS alarm, antenna with magnetic base 0554 0524, 5 NTC radio probes with display 0572 1120, router 0572 0119, 2 mains units for base and router 0554 1096 and SBE software 0572 0180 including USB cable

Saveris Set 3	Part Number	Price £	Price €
Set 3, 868 MHz	0572 0112	1,865.00	2,423.00

All sets contain everything you need to get started. Additional probes and components can be added. Please see overleaf for full system structure.

Testo Saveris

System Structure

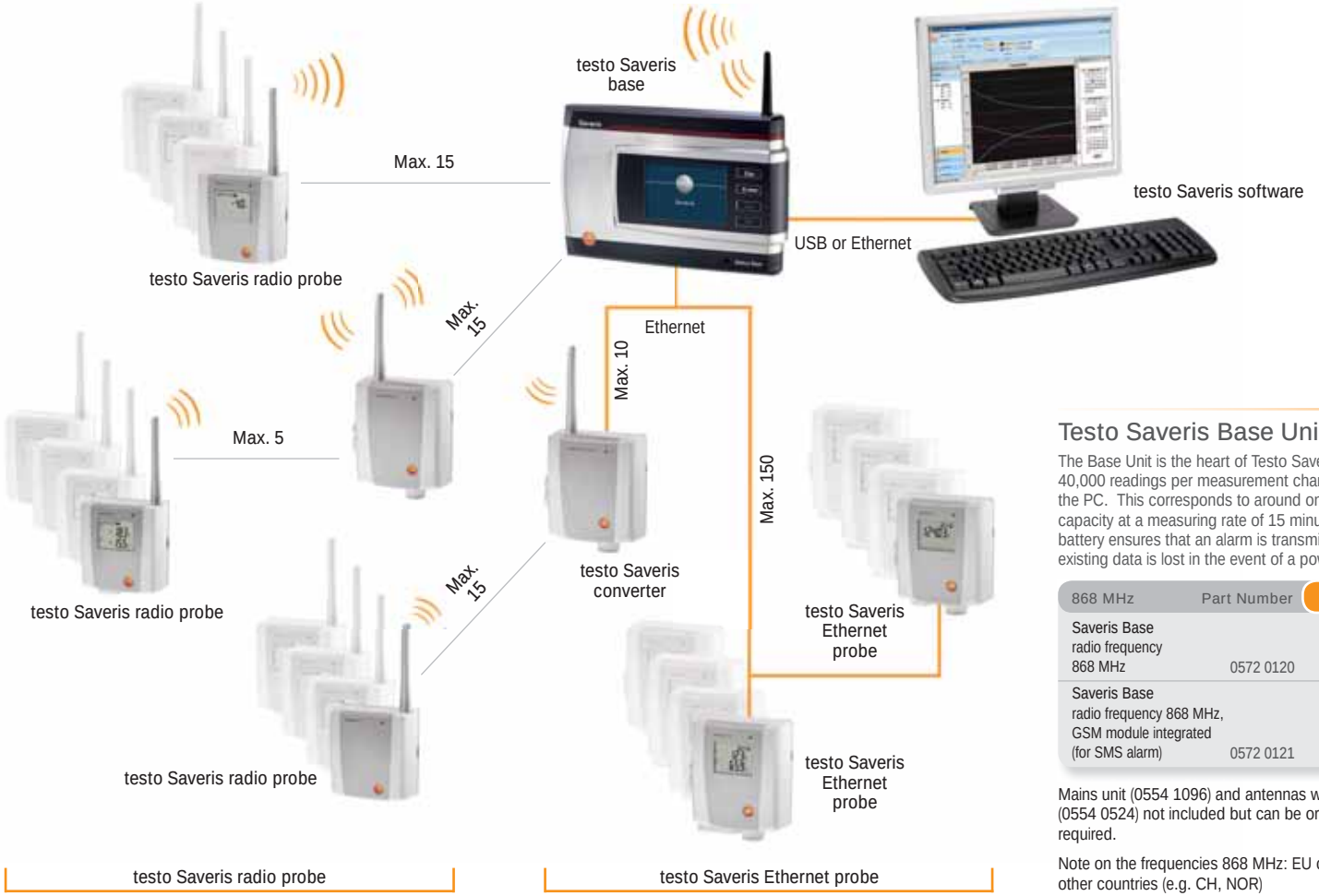
A Saveris system can be considerably extended offering connection for up to 150 probes.

A diverse combination of components is possible.

The following numeric restrictions apply for several components:

- Number of directly connected radio probes: max. 15
- Number of directly connected Ethernet probes: max. 150
- Number of routers: max. 15 with a max. of 5 probes per router
- Number of converters: max. 10 with a max. of 15 probes per converter

In total a Base Unit can incorporate 150 radio and Ethernet probes or 254 measurement channels.



Radio Probes

868 MHz, version without / with display

	Part Number	Price £	Price €
Without Display			
Saveris T1 Int. NTC	0572 1110	134.00	174.00
Saveris T2 Ext. TC. Int. NTC	0572 1111	169.00	220.00
Saveris T3 2 Ext. TC	0572 9112	232.00	301.00
Saveris Pt 1 Ext. Pt 100	0572 7111	232.00	302.00
Saveris H3 Int. NTC %rh	0572 6110	277.00	360.00
With Display			
Saveris T1 D Int. NTC	0572 1120	169.00	220.00
Saveris T2 D Ext. TC. Int. NTC	0572 1121	205.00	267.00
Saveris T3 D 2 Ext. TC	0572 9122	268.00	349.00
Saveris Pt D 1 Ext. Pt 100	0572 7121	268.00	349.00
Saveris H3 D Int. NTC %rh	0572 6120	312.00	406.00

Batteries are included with radio probes.

Ethernet Probes

With Display	Part Number	Price £	Price €
Saveris Pt E Ext. Pt 100	0572 7191	304.00	395.00
Saveris H2 E Ext. NTC ± 2% rh	0572 6192	339.00	441.00
Saveris T4 E 4 Ext. TC	0572 9194	402.00	522.00
Saveris H1 E Ext. NTC ± 1% rh	0572 6191	580.00	754.00

Saveris Router and Converter

868 MHz	Part Number	Price £	Price €
Saveris Router 868 MHz, radio transmission medium	0572 0119	134.00	174.00
Saveris Converter 868 MHz, converts the radio transmission medium to Ethernet	0572 0118	259.00	337.00

Testo Saveris Base Unit

The Base Unit is the heart of Testo Saveris and can save 40,000 readings per measurement channel independent of the PC. This corresponds to around one year of memory capacity at a measuring rate of 15 minutes. An emergency battery ensures that an alarm is transmitted and that no existing data is lost in the event of a power failure

868 MHz	Part Number	Price £	Price €
Saveris Base radio frequency 868 MHz	0572 0120	544.00	707.00
Saveris Base radio frequency 868 MHz, GSM module integrated (for SMS alarm)	0572 0121	856.00	1,112.00

Mains unit (0554 1096) and antennas with magnetic base (0554 0524) not included but can be ordered separately if required.

Note on the frequencies 868 MHz: EU countries and certain other countries (e.g. CH, NOR)

Testo 206
Compact pH Meters

Testo 206-pH1

pH measuring instrument for fast checks on liquids.

- Maintenance-free gel electrolyte
- Built-in temperature probe
- 1, 2 or 3 point calibration possible
- Water-tight, hygienic and dishwasher-proof TopSafe protection case (IP 68)

Testo 206-pH2

pH measuring instrument for fast spot checks on semi-solid food, e.g. jelly, cream, meat, cheese.

- Can be used for food containing protein
- Combination: pH penetration top with temperature measurement probe
- Water-tight, hygienic and dishwasher-proof TopSafe protection case (IP 68)

Technical Data	
Measuring range	0 to 14 pH
Accuracy ±1 digit	± 0.02 pH
Resolution	0.01 pH
Sensor type	pH electrode
Battery life	80 hours

Testo 206-pH1 Instrument Set

One-hand pH/°C measuring instrument, pH1 probe head for liquids, storage cap with gel, TopSafe and belt/wall holder

Part Number	0563 2061	
Price	£106.00	€138.00

Testo 206-pH2 Instrument Set

One-hand pH/°C measuring instrument, pH2 probe head for semi-solid substances, storage cap with gel, TopSafe and belt/wall holder

Part Number	0563 2062	
Price	£180.00	€234.00

Testo 205
Hand-Held T-Bar pH Meter

pH measuring instrument ideal for use in meat processing applications.

- Combined penetration tip with temperature probe
- Maintenance-free gel electrolyte
- pH tip embedded in virtually unbreakable plastic
- Measuring tip can be changed by user
- Automatic full-scale value recognition
- 1, 2 or 3 point calibration possible

Technical Data	
Measuring range	0 to 14 pH
Accuracy ±1 digit	± 0.02 pH
Resolution	0.01 pH
Sensor type	pH electrode
Battery life	80 hours

Testo 205 Instrument Set

On-hand pH/°C measuring instrument with penetration probe, storage cap, belt/wall holder

Part Number	0563 2051	
Price	£210.00	€273.00

Testo 205 Starter Set

On-hand pH/°C measuring instrument with penetration probe, storage cap, gel and calibration bottles (250ml pH 4+7), belt/wall holder and aluminium case

Part Number	0563 2052	
Price	£272.00	€354.00

Testo 265
Cooking Oil Tester

The quality of cooking oil has a direct influence on both the quality of the food being deep fried, and on cost. Frequently used oil effects taste and can lead to nausea or illness.

Oil which is changed prematurely generates unnecessary costs. The Testo 265 cooking oil tester allows you to effectively carry out checks on the quality of the oil and determine if the limit values are reached.

- Two user-defined quality limit values
- Alarm function: 3 colour LED (green, yellow, red)
- Display: Maximum measurement temperature exceeded - Minimum measurement temperature not reached
- Dishwasher-proof TopSafe protection case
- Calibration adjustment facility
- Back to back testing without the sensor having to cool down

Technical Data	
Measuring range	0.5 to 40 % TPM +40 to +210 °C
Accuracy typical	± 2.0 % TPM (+40 to +190 °C) ± 1.5 °C
Resolution	0.5 °C 0.5 % TPM
Sensor type	NTC
Battery life	Approx 30 hours

Testo 265 Set

Testo 265 cooking oil tester including TopSafe protection case, wall holder and sensor protection cap in a top quality aluminium case

Part Number	0563 0265	
Price	£348.00	€452.00

Accessories	Part Number	Price £	Price €
Reference oil for calibrating and adjusting Testo 265, 100ml	0554 2650	9.90	13.00
Reference oil, pack of three 100ml bottles	0554 2651	27.00	36.00

Testo CS Series
Temperature Calibration Drywells

Easy to use, compact and portable temperature drywells for cost effective calibration of contact and non-contact infrared thermometers.

- Dry block “black body” source (depth 73mm, diameter 32mm)
- 3.5mm port for reference thermometer probe
- Rear access chamber
- Easy to use PID controller
- 6 probe chamber access ports; 1 x 2mm, 2 x 3.5mm, 2 x 5.5mm, 1 x 8.5mm, 80mm immersion depth

Testo CS171

Testo temperature calibration drywell, +30 °C to +200 °C

Part Number	309516 0150	
Price	£1,056.00	€1,372.00

Testo CS172

Testo temperature calibration drywell, 40 °C below ambient to +75 °C

Part Number	309516 0155	
Price	£1,463.00	€1,900.00

Technical Data		
Model	CS171	CS172
Measuring range	+30 °C to +200 °C	40 °C below ambient to +75 °C
Resolution	0.1 °C	0.1 °C
Emissivity	> 0.95	> 0.95
Power supply	230 V	230 V
Weight (kg)	2.6	4.7
Dimension W x D x H (mm)	130 x 170 x 160	210 x 180 x 160

Testo 720
Reference Thermometer

High accuracy single channel thermometer, ideal for reference against working instruments and accuracy of calibration equipment.

- A wide range of Pt100 and NTC probes available
- Accurate to ±0.2 °C
- Optional print out facility
- Audible alarm function
- Continuous display of min/max values
- Hold button
- Backlit display

Did You Know ?
Regular checking of thermometers ensures accurate readings

Technical Data		
Probe type	Pt100	Type NTC
Measuring range	-100 to +800 °C	-50 to +150 °C
Accuracy ±1 digit	±0.2% of mv (+200 to +800 °C) ±0.2 °C (remaining range)	±0.2 °C (-25 to +40 °C) ±0.3 °C (+40.1 to +80 °C) ±0.4 °C (+80.1 to +125 °C) ±0.5 °C (remaining range)
Resolution	0.1 °C	0.1 °C
Sensor type	Pt100	NTC
Battery life	100 hours	

Testo 720
Reference Thermometer

Testo 720, 1 channel temperature measuring instrument Pt100/NTC, with battery and calibration protocol

Part Number	0560 7207
Price	£142.00 €185.00

Accessories	Part Number	Price £	Price €
Robust waterproof Pt100 immersion/penetration probe	0609 1273	60.50	79.00
Waterproof NTC immersion/penetration probe	0613 1212	46.00	60.00
TopSafe protects instrument from impact and dirt	0516 0221	18.00	24.00
Transport case for instrument and 3 probes	0516 0200	37.30	49.00
Testo infrared printer with paper and batteries	0554 0547	154.00	200.00

Instrument Service and Calibration

Calibrated instruments are needed for HACCP compliance. Testo offers instrument service and calibration, on both Testo and non-Testo branded instruments, from its independently accredited ISO 9001:2000 and ISO 17025 laboratory based in Alton, Hampshire.

The laboratory's capabilities include; temperature, pressure, humidity, air velocity and gas analysis such as CO and CO_2.

Testo offer a fast and cost effective service with a typical turnaround time of just 5 working days.

Listed below are the most common calibration requirements within the food industry, however please contact our Calibration Department on 01420 544 433 if you have a requirement not shown below.

UKAS CALIBRATION 0805

GLC CERTIFIED ISO 9001

Air, penetration, IR and immersion probes + data loggers	Part Number	Price £	Price €
ISO Calibration (-18 °C)	300520 0056	31.90	42.00
ISO Calibration (+60 °C)	300520 0048	31.90	42.00
ISO Calibration (+120 °C)	300520 0052	31.90	42.00
ISO Calibration (-18, 0 °C)	300520 0044	43.00	56.00
ISO Calibration (0, +60 °C)	300520 0072	43.00	56.00
ISO Calibration (-18, 0, +60 °C)	300520 0042	53.90	70.00
ISO Calibration (0, +50, +100 °C)	300520 0082	53.90	70.00

Surface probes	Part Number	Price £	Price €
ISO Surface Calibration (+60 °C)	300520 0096	42.50	56.00

Immersion and penetration probes only	Part Number	Price £	Price €
UKAS Calibration (-18, 0, +60 °C)	300520 0212	94.00	123.00
UKAS Calibration (0, +50, +100 °C)	300520 0214	94.00	123.00

Air probes and data loggers only	Part Number	Price £	Price €
UKAS Calibration (0, +50 °C)	300520 0218	94.00	123.00
UKAS Calibration (-20, 0 °C)	300520 0224	94.00	123.00

How to Order

Ordering couldn’t be simpler!

Testo instruments can be purchased from your nearest catering supplies distributor, or alternatively ordered directly from Testo.

Distributor Contact Information:

testo Ltd.
Newman Lane
Alton, Hants,
GU34 2QJ

Tel: 01420 544 433
Fax: 01420 544 434
Email: info@testo.co.uk
Internet: www.testo.co.uk

Prices are valid until 31st December 2009 and exclude VAT and carriage. Discounts available for large quantity, please contact our Internal Sales Department for further details.

Whilst every care has been taken to ensure that the information included in this document was accurate at the time of printing, we reserve the right to change prices and specifications at any time. Pictures used are for illustrative purposes only.

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