Be sure. testo

Product Catalogue
Food Safety Instruments

HACCP International Certified Temperature Monitoring
Instruments for food safety.

- Probe thermometers
- Infrared thermometers
- pH testers
- Food probe wipes

EUROTEC People • Technology • Solutions
HVAC • Refrigeration • Electrical • Measurement

member of CAREL group   CAREL

Visit us online!

Now you can shop online* for all your food safety instruments

Scan to go directly to the site.

www.testo.nz

Probe Thermometers

Testo 104

- Waterproof (IP67), robust thermometer with folding probe
- Includes batteries and factory calibration certificate

Eurotec Code: 0563.0104

$271 +GST

Testo 106-T3 Set

- Thermometer Set
- Includes Topsafe® protective case, belt holder, batteries and factory calibration certificate

Eurotec Code: 0563.1063

$135 +GST

Testo 103

- Economical Folding thermometer
- Includes batteries and factory calibration certificate

Eurotec Code: 0560.0103

$157 +GST

Testo 105

- Robust thermometer designed for single hand operation
- Great for Butchery
- Includes batteries and factory calibration certificate

Eurotec Code: 0563.1051

$305 +GST

Testo 108

- Thermometer (IP67)
- Supplied with standard immersion/penetration t/c probe type T
- Also accepts K type thermocouple (available separately)
- Soft protective case, probe stowage and batteries included
- Fast, easy and accurate temperature measurement

Eurotec Code: 0563.1080

$295 +GST

Probe Thermometers

Testo 110

- Universal temperature measuring instrument with Smart App connection
- For (critical) control point (CP/CCP) checks
- Seamless documentation via the testo Smart App

Eurotec Code:

$548^{+GST}

Testo 104-IR Combo

- Folding combo infra-red & probe thermometer
- Dual laser targeting
- Durable S/S & ABS design
- Waterproof (IP65)
- Ideal for deli/inwards goods

Eurotec Code: 0560.1040

$395^{+GST}

Testo 826-T4 probe + I/R

- I/R and Insertion probe thermometer
- Includes Topsafe® protective case, belt holder, batteries and factory calibration certificate included.

Eurotec Code: 0563.8284

$485^{+GST}

Food Grade Wipes

Food grade Antibacterial probe wipes for cleaning and sanitizing thermometers, knives and other food preparation equipment; minimize cross contamination and bacteria growth (eg E-coli, Staphylococcus, Salmonela and Listeria)

- Recommended for regular use as part of your HACCP food safety program.
- MPI Approved C44 (all animal products except dairy)
- AsureQuality Passed (For food, beverage, dairy, contact surfaces)

Tub/200

$13.99^{+GST}

Eurotec Code: CI 111

Refill 200

$12.10^{+GST}

Eurotec Code: CI 111R

Biodegradable Anti-bacterial probe wipes

Compostable and biodegradable Natural Halal Bamboo Antibacterial probe wipes for cleaning and sanitizing thermometers, knives and other food preparation equipment; minimize cross contamination and bacteria growth (eg E-coli, Staphylococcus, Salmonela and Listeria)

Ideal for use in Supermarkets, Cool stores, Freezing works, Seafood processing factories, the Dairy Industry and in any industry where food probes are used to monitor the temperature during processing.

- Recommended for regular use as part of your HACCP food safety program.
- MPI Approved C44 (all animal products except dairy)
- AsureQuality Passed (For food, beverage, dairy, contact surfaces)

Tub/120

$14.99 +GST

Eurotec Code: CI 112

I/R Thermometers & Data Loggers

Testo 831

- Infra-Red Thermometer
- 2 point laser sighting
- 30:1 optics
- Includes: Belt holder, batteries and factory calibration certificate

Eurotec Code: 0560.8316

$395 +GST

Testo 826-T2

- Infra-Red Thermometer
- Laser pointer and Alarm
- Includes: Topsafe® protective case, batteries and factory calibration certificate

Eurotec Code: 0563.8282

$311 +GST

Testo 805

- Mini Infra-Red Thermometer
- Waterproof IP65
- Includes: Topsafe® protective case, batteries and factory calibration certificate

Eurotec Code: 0563.8051

$172 +GST

pH Testers

pH Buffer Solution

- Certified buffer solution for electrode calibration of Testo pH meters.

Dosing Bottles (250ml)
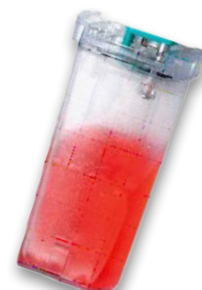
pH Buffer 4.01
250ml Dosing bottle

Eurotec Code: 0554.2061

$58 +GST

pH Buffer 7.00
250ml Dosing bottle

Eurotec Code: 0554.2063

$58 +GST

pH Testers

Testo 206-pH Meters

- One-hand pH/C ° measuring instrument
- pH2 spear probe head for semi-solid substances
- Includes: Storage cap with gel, Topsafe® protective case, and belt/wall holder

pH1 (Liquids)
Eurotec Code: 0563.2061

$390 +GST

pH2 (Semi-solids)
Eurotec Code: 0563.2062

$706 +GST

Testo 205

- pH tip embedded in break-age proof plastic
- Combined penetration tip with temperature probe
- Maintenance-free gel electrolyte
- Measurement tip exchangeable by user

Eurotec Code: 0563.2051

$774 +GST

Data Loggers

Testo 174T USBC

- Mini Data Logger
- Includes: Wall bracket, batteries and factory Calibration Certificate
- Waterproof (IP65)
- Memory = 16K readings

Eurotec Code: 0572.1740 02

$193 +GST

Data Loggers

Testo 174T BT

- Mini Data Logger
- Includes: Wall bracket, batteries and factory Calibration Certificate
- Waterproof (IP65)
- Memory = 16K readings

Eurotec Code: 0572.1742 02

$258 **+GST**

Testo 175-T1

- Data Logger
- Includes: Wall bracket, batteries & factory Calibration Certificate
- Waterproof (IP65)
- 3 years battery (AAA) life
- Memory = 1 million readings

Eurotec Code: 0572.1751

$452 **+GST**

Testo 175-T2

- 2-channel temperature data logger with internal (NTC), and external sensor connection (NTC)
- Capable of storing 1 million temperature readings
- Rugged and waterproof according to IP65

Eurotec Code: 0572.1752

$561 **+GST**

Data Logger Accessories:

Eurotec Code: 0628.0006	NTC probe high accuracy (0.2°C at 0 to +70°C) -35 to +80C°,t99 = 5 seconds	**$160+GST**
Eurotec Code: 0613.1212	NTC probe wide range, waterproof (IP65) immersion/penetration (0.2°C at 0 to +70°C) -35 to +80C°,t99 = 5 seconds	**$205+GST**

Cool Validation
Data Logger Set

testo 175T3

73.7 °C
Max
68.9 End °C

Go

Monitor the temperature of food after cooking, through to the cooling and freezing process. Free up your time to perform other tasks.
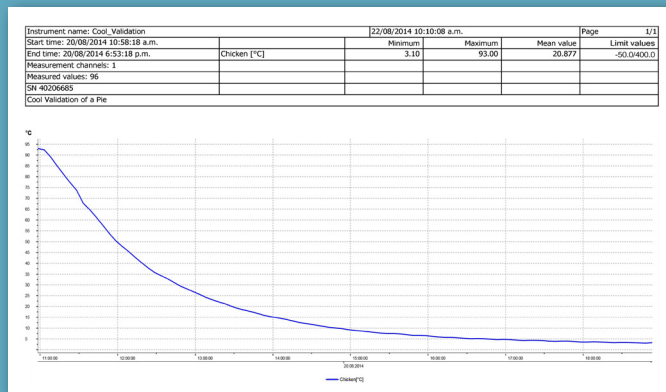
The details:

- No need to manually log temperatures.
- Removes human error.
- Robust Temperature Data Logger with fast response stainless steel probe.
- CoolValid Includes Software, General purpose probe, USB Cable, Calibration Certificate, 2 years warranty, Padlock, Wall Holder and Batteries.
- ± 0.5°C Accuracy.
- Large memory for 1 million measurement values.

Cool Valid Set
$585.00 +GST

Data Logger with general purpose probe with easy set up guide provided

Instrument name: Cool_Validation		22/08/2014 10:10:08 a.m.			Page 1/1
Start time: 20/08/2014 10:58:18 a.m.		Minimum	Maximum	Mean value	Limit values
End time: 20/08/2014 6:53:18 p.m.	Chicken [°C]	3.10	93.00	20.877	-50.0/400.0
Measurement channels: 1					
Measured values: 96					
SN 40206685					
Cool Validation of a Pie					

Typical Cool Valid temperature curve

HACCP INTERNATIONAL PROGRAMME FOOD SAFETY CERTIFICATION

HACCP International Approved

Replacement Probes

General Purpose: $101 +GST

Multi-purpose: $220 +GST

For more measurement options, add a multipurpose probe.

G
Eurotec Code: 0602.1080

M
Eurotec Code: TS305

Saveris 2 Wifi Data Loggers

0572.2031	2-T1	WiFi data logger (wireless LAN)	Display & internal NTC temperature sensor	**$416.00**
0572.2032	2-T2		Display, for measuring temperature, 2 connections for external NTC temperature probes or door contacts	**$477.00**
0572.2033	2-T3		Display for measuring temperature, two external connections for TC temperature probes (Types K, T, J)	**$669.00**
0572.2034	2-H1		Display for measuring temperature & relative humidity, capacitive internal humidity sensor	**$828.00**
0572.2035	2-H2		Display for measuring temperature & relative humidity, connection for one external humidity probe	**$740.00**

Note: All Data Loggers include: USB Cable, Wall Bracket, Batteries & Calibration Certificate

Saveris 2 Accessories

0572.2020	Saveris 2 Power Supply with Cable	**$91.00**
0572.2155	External Humidity and Temperature Probe	**$654.00**
0572.2152	Saveris 2 Door Contact Connecting Cable Mini DIN	**$40.00**

The Testo Saveris 2 system enables users to monitor temperature and humidity levels easily, anytime and anywhere, without compromising security, or creating bother with time consuming software.

The system consists of WiFi data loggers and a Cloud data store. The Testo Saveris 2 WiFi data loggers reliably record temperature and humidity at defined intervals, and transmit the measurement values directly by WiFi to the Testo Cloud.
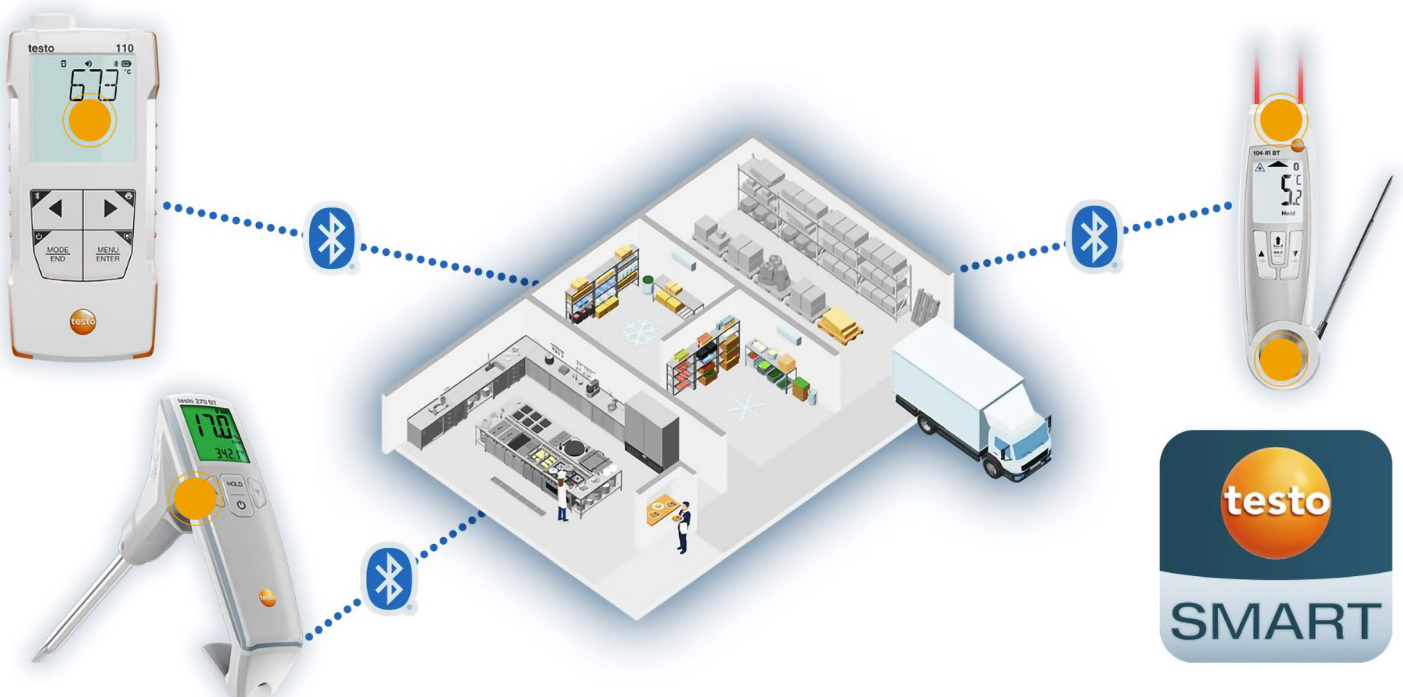
testo Smart App

One App for all applications. Full networking. **Full Control.**

With the free testo Smart App at the heart of our new Food BT line from Testo, you have all the important measurement parameters relating to the safety of your food fully under control and available at a glance.

Food measurement technology

Reliable as always.
Easier than ever.

Food measurement technology from Testo with seamless app connection for effortless documentation and HACCP-compliant quality management.

testo 110

The compact testo 110 Food is a highly precise and user-friendly temperature measuring instrument that can be used universally for ensuring the quality of food: From production to storage & transport, through to preparation and sale.

Features:

• *Simple, fast and particularly precise temperature measurement including seamless documentation via the testo Smart App*

• *Universal measurements with and without app as well as own measurement program for (critical) control point (CP/CCP) checks*

• *Versatility: Suitable temperature probes for all applications*

• *Easy handling: Intuitive design and user-friendly operation*

$548 +GST

Eurotec Code: 0563.0112

testo 104-IR BT

The testo 104-IR BT penetration thermometer with integrated infrared sensor is a versatile measuring instrument for quick and reliable temperature checks in hectic daily practice and is particularly suitable for checks as part of HACCP processes.

$447⁺ᴳˢᵀ

Eurotec Code: 0560.1045.60

Features:

• *A measuring instrument for determining surface and core temperature with intuitive operation including seamless documentation via the testo Smart App*

• *Measurements possible with or without app. The app measurement program supports you with the measurement, especially of (critical) control points (CP/CCP)*

• *Error-free documentation via the testo Smart App*

• *Tracking of measurement data for regulatory requirements and internal quality assurance*

testo 270 BT

A visual or odour check is not sufficient to verify whether the quality of the cooking oil is still good. With the testo 270 BT cooking oil tester, restaurant operators only need to change the cooking oil once critical TPM values are reached.
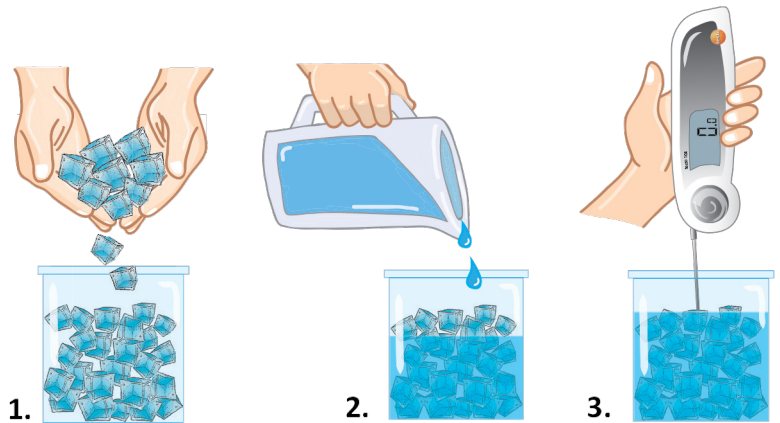
$1146 +GST

Eurotec Code: 0563.2770

Features:

• *Oil quality determination on site, including seamless documentation via the testo Smart App*

• *Measurements possible with or without app. The app frying oil measurement program supports you with the measurement and ensures error-free, digital documentation*

• *Tracking of measurement data: CSV data export or professional reports in PDF format (incl. signature & comment function) for regulatory requirements and internal quality assurance*

• *Measurement directly in hot oil*

• *Independent calibration on site using the reference oil, via the testo Smart App*

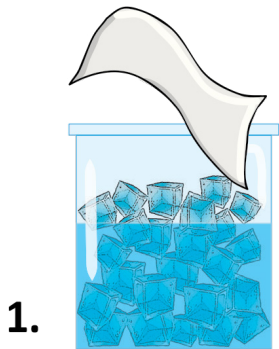# Ice point check for Penetration Probe & IR Instrument

For Probe:

1. Fill a container 3/4 full of crushed ice or ice cubes

2. Add water until it just covers the ice

3. Place thermometer probe into the iced water and gently stir until the temperature stabilizes or the auto hold function is enabled.

1.　　　　2.　　　　3.

NOTE: Instruments without auto hold function - a stable reading for at least 5 seconds must be made.
The Testo 104 thermometer probe stabilized reading should display 0˚C (±0.5˚C). If outside of this range, please return instrument to Eurotec for evaluation

For IR Instrument:

1. Tear a paper towel and place on top of the icy water. Allow the paper towel to absorb the water before taking a reading.

2. To take a reading using the Testo 831 Infrared gun style thermometer, simply press the trigger (press the ON button of the Testo 805).

1.

Note T831: ensure both lasers are pointing at the paper towel. *Note T805:* as close to the target as possible without touching the surface. Repeat the process 3 times to gain confidence in the reading.
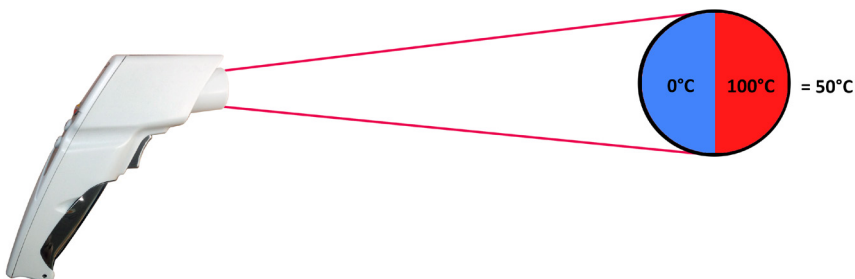
A good reading for both the T831 & T805 is 0˚C (±2˚C) If outside of this range, please return instrument to Eurotec for evaluation.
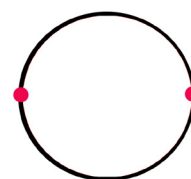
2.

Infrared useful Tips:

Before performing an ice point check with the infrared thermometers, first check the emissivity setting. This is represented by "ε". To access this setting on model T831 only, press the UP arrow for 3 seconds. A value of 0.95 will appear, if different use the up/down arrows to change the value to 0.95.

Only reads surface temperature. The values displayed on the instrument is an average value of everything inside of the circle.
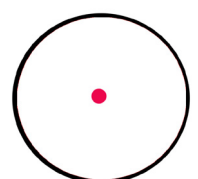
0°C　100°C　= 50°C

Dual Laser
Diameter of the circle

You know the exact target of interest

Single Laser
Centre of the circle

Although you are aware that your circle is centre of the target, there is now indication of how big the circle is

Keep a record of when your instruments have been calibrated with the handy table below:

Instrument Serial Number	Date of Calibration

After-Sales Support

Eurotec maintains an in-house service, repair and calibration facility to Testo and other instrument brands.

HACCP Calibration Program

Eurotec offers a computer monitored, annual calibration service for clients registering their instruments serial number in the 'Call back' program.
Just like a 'WOF' reminder, clients are advised when their instruments are due for their periodic HACCP calibration and maintenance checks

2 Year Warranty

Testo food instruments are backed up with a 2 year manufacturers warranty.
External probes have a 1 year warranty.

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