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home & garden thermometers

HOME & GARDEN THERMOMETERS



ETI offers an extensive range of practical and easy to use home and garden thermometers. The range includes healthcare thermometers, weather stations and garden thermometers to name just a few of the many products available.

the dangers of scalding

Every year thousands of people are scalded, the majority are the elderly or children under five. However, there are also numerous incidents of scalding each year in commercial kitchens and factories. The degree of scalding does depend on the actual temperature, the volume of delivered hot water and the contact time. Evidence of scalding increases rapidly with temperatures of +45°C or above. To help eliminate the dangers of scalding, it is essential to regularly check the temperature of hot water (see recommended temperatures below) with an accurate thermometer.

- +44°C for an unassisted bath fill
- +46°C for shower applications
- +41°C for wash basin applications
- +38°C for bidet applications

In a kitchen environment - practicality and safety from scalding come into direct conflict - water needs to be of a temperature of between +46 to +48°C to ensure thorough removal of grease, but at these temperatures, great care must be taken to avoid the risk of scalding.

body temperatures

The normal core body temperature of a healthy, resting adult human being is stated to be at +37°C (+98.6°F). This may vary slightly due to an individual's metabolic rate, the time of day or the part of the body where the temperature is taken.

Clinical research has shown that the ear is an ideal site for taking body temperature, since the eardrum shares the same blood supply with the hypothalamus, the part of the brain that controls body temperature. The ear thermometer quickly measures the infrared heat given by the eardrum and surrounding tissues, converting this into an oral equivalent.

barbecue cooking temperatures

Proper cooking kills food poisoning bacteria such as salmonella, campylobacter, e.coli and listeria. It is important, therefore, to cook food thoroughly, especially meat. When cooking poultry, minced or chopped meat (for example burgers and sausages) and rolled joints, the centre of the meat should reach a temperature of +70°C for at least two minutes. The suggested temperatures below are for whole joints or for cuts of meat and poultry.

meat	rare	medium	well done
beef	+60°C	+70°C	+80°C
pork	n/a	+70°C	+77°C
chicken	n/a	n/a	+80°C
turkey	n/a	n/a	+80°C
lamb	+60°C	+65°C	+70°C





garden thermometers

soil probe thermometer

This spirit-filled soil probe thermometer is suitable for measuring the temperature of soil, compost or similar, ideal for the horticulturist or keen gardener.

The soil probe measures temperature over the range of 0 to +80°C in 1°C increments.

The thermometer is housed in a strong plastic case with a pointed tip, the dimensions of the case are 13mm x 320mm.



order code	description
803-795	soil probe thermometer

digital max/min & in/out thermometer

This thermometer simultaneously displays both the in (-19.9 to +69.9°C) and out (-49.9 to +69.9°C) and the max/min temperatures. The instrument also features a programmable, audible high/low alarm (remote probe only).

The unit is supplied with a small, water resistant, detachable remote probe with a two metre PVC lead.



order code	description
810-080	digital in/out thermometer

large max/min thermometer



This dial thermometer indicates the actual, max and min temperatures over the range of -50 to +50°C with an accuracy of ±1°C. The dial can be reset by rotating the central knob. Dimensions are 25 x 95 x 125mm.

order code	description
800-510	max/min thermometer

greenhouse thermometers

These mercury free wall-mounted max/min greenhouse thermometers are available in two colours, green or white. The max/min thermometers indicate temperature over the range of -30 to +50°C and -40 to +120°F.

Both thermometers are simple to reset via a push button located at the centre of the instrument. The dimensions of the max/min thermometers are 60 x 230mm.



order code	description
803-100	greenhouse thermometer - white
803-101	greenhouse thermometer - green

rain gauge

This clear ABS plastic rain gauge is easy to use and will measure the amount of rainfall from 0 to 40mm/m². As rain falls, the cup will fill up to a maximum of one litre, allowing the user to determine the daily rainfall on the simple to read scale.

The revolving ring will manually record the amount of rain that has fallen in the given period. The rain gauge can be mounted on a Ø26mm pole (pole not supplied).



order code	description
808-145	rain gauge

digital wireless rain gauge



This wireless rain gauge will indicate the rainfall in a day, week, month or the accumulated rainfall. Simply place the rain collector outside and the digital monitor inside and the three displays will indicate the rainfall, the date and the time. Supplied with the rain collector.



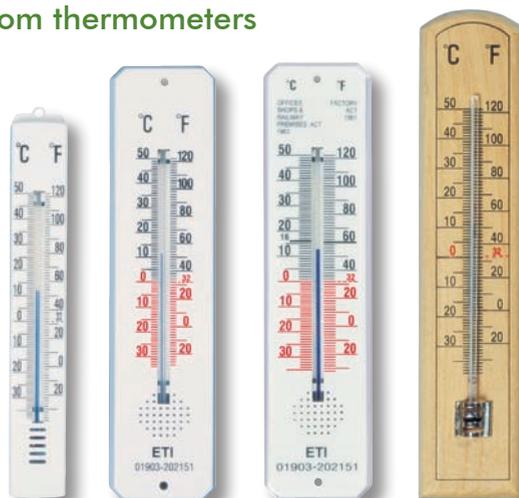
order code	description
808-245	digital wireless rain gauge





room thermometers

room thermometers



These spirit-filled room thermometers are ideal for hanging in the home, conservatory, office or factory. The thermometers display temperature over the range of -30 to +50°C with an accuracy of $\pm 1^\circ\text{C}$.

order code	description
803-229	white 25 x 175mm
803-232	white 45 x 195mm
803-233	white 45 x 195mm (Factory Act)
803-292	wooden 45 x 205mm

dial room thermometers



800-005

800-105

800-010

These $\varnothing 52\text{mm}$ or $\varnothing 70\text{mm}$ bi-metal room thermometers are housed in ABS cases and incorporate an integral hook. The thermometers indicate temperature over the range of -10 to +50°C in 1°C divisions.

Hypothermia kills many elderly people in the UK even today, but most cases can be easily prevented. The hypothermia thermometer's clearly marked zones indicate room temperature in °F. The message is simple - turn up the heating if the temperature is in the blue area (below +65°F).

order code	description
800-105	$\varnothing 52\text{mm}$ room thermometer
800-005	$\varnothing 70\text{mm}$ room thermometer
800-010	$\varnothing 70\text{mm}$ hypothermia thermometer

weather station

includes one remote sensor

This digital weather station displays the outdoor temperature (-20 to +60°C), humidity (%rh), barometric pressure, weather forecast (symbols), date and real time. The unit also displays the moon cycle, maximum, minimum and trend indication for temperature and humidity (in and out), and incorporates dual alarms and a snooze function. The clear LCD display features a backlight that turns itself off automatically after five seconds.

Each weather station is supplied with one outdoor temperature and humidity sensor which transmits data via RF (radio frequency - wireless). The remote sensor can be placed up to 30 metres (100 feet) away in an open area.

Each weather station and sensor is powered by two AA batteries. The dimensions of the weather station are 25 x 105 x 334mm and the sensor's dimensions are 25 x 64 x 95mm.

Up to three optional extra sensors can be simultaneously monitored via the channel button.

order code	description
810-520	weather station
810-550	additional remote sensor





healthcare thermometers

bath thermometers



These traditional, spirit-filled, bath thermometers indicate temperature over the range of 0 to +50°C and +32 to +120°F.

The bath thermometers are available in either white or blue and the plastic housing measures 38 x 195mm.

order code	description
803-665	bath thermometer - white
803-666	bath thermometer - blue

ear thermometer



The digital ear thermometer provides accurate and rapid temperature readings from the ear over the range of +34 to +42.2°C. The unit measures the infrared heat give by the eardrum and surrounding tissues, converting this temperature into an oral equivalent. Each ear thermometer is supplied with 20 replaceable probe covers that help to avoid cross-contamination. The unit is powered by a single CR2032 lithium coin cell battery.

order code	description
801-580	ear thermometer
801-581	probe covers - box of 40

barbecue fork thermometer

This digital barbecue fork thermometer incorporates a number of features not normally found in this type of product. The thermometer incorporates removable prongs for easy cleaning, adjustable alarm temperatures and a backlit digital display.

The barbecue fork thermometer will tell you at a glance if your meat or poultry is cooked to your liking, taking the guesswork out of how well it is done. The six preset symbols indicate temperatures for different meat or poultry types, i.e. beef, pork, chicken, turkey, veal or lamb. The preset temperatures can be adjusted but are set at rare, medium rare, medium and well done, see chart on page 124 for recommended cooking temperatures.

Each barbecue fork thermometer is powered by two AAA batteries.

order code	description
810-116	barbecue fork thermometer

