Digital Thermometers

A large selection of digital thermometers including the Master Class Folding Cooking Thermometer, GM1311, GM1312 general purpose digital themometer, Therma1, Therma Plus waterproof, Therma differential, Therma Hygrometer and Digitron range.

Digital Thermometers

Digital Thermometers– Contents

Digital Thermometers

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GM1312 General Purpose Digital Thermometer (K,J,T,E,N,R/S)

XE-3999-001

- K, J, T, E, N, R/S modes.
- 2 temperature modes: ° C, ° F and
- One push button to switch between ° F/° C mode as well to switch between MAX/MIN/AVG
- 2 temperature channels: T1 / T2
- Differential temperature measurement
- Overload display alert if input exceeds the selected measurement range
- Comes with rubber holster that protects the meter from impact Portable and compact design

General Description	One push button to switch between ° F/° C mode as well to switch between MAX/MIN/AVG . 2 temperature channels: T1 / T2. Differential temperature measurement .
Type	K, J, T, E, N, R/S modes.
Accuracy	± 0.4° C ± 1%
Resolution	0.1° C or 0.1°
Air Temp: Range	0-40° C (32-104° F)
Input / Ranges	J-TYPE: -210°C to 1200°C (-346°F to 2192°F) K-TYPE: -200°C to 1372°C (-328°F to 2501°F) T-TYPE: -250°C to 400°C (-418°F to 752°F) E-TYPE: -150°C to 1000°C (-238°F to 1832°F) N-TYPE: -200°C to 1300°C (-328 °F to 2372°F) R-AND S-TYPE: 0°C to 1767°C (32°F to 3212°F)

Digital Thermometers

Temptest 1 Smart Thermometer (Type K)

XE-3987-001

Temptest® smart thermometers with unique rotating display.

The Temptest® thermometer is housed in a waterproof IP67 case with an ergonomic rubber seal, both include 'Biomaster' additive to reduce bacterial growth. As well as being waterproof, it is 'probably' one of the fastest reading contact thermometers on the market today. The true temperature of a product can be measured in just three seconds.

Both low battery (icon) and open circuit indication are displayed, when applicable. Each Temptest is powered by two AAA batteries with a minimum life expectancy of 5000 hours in normal use without the backlight. The backlight function features Smart Technology - only coming on when the light level requires it.

The Temptest 1 is supplied with an integral, permanently attached, stainless steel food penetration probe (Ø3.3 x 80 mm) with fast response tip.

General Description	Fast response probe, reaches temperature in just 3 seconds! Patented, automatic 360° rotational display Small, compact, waterproof (IP67) design Intelligent backlit display
Type	The Temptest 1 is supplied with an integral, permanently attached, stainless steel food penetration probe (Ø3.3 x 80 mm) with fast response tip
Thermocouple Type	Type K
Accuracy	±0.4°C (-49.9 to 200 °C) otherwise ±1 °C
Resolution of data display	Resolution 0.1 °C/°F
Dimensions	17 x 47 x 120mm
Max. Temperature	299.9°C
Min. Temperature	-49.9°C

Digital Thermometers

Industrial Thermometer Therma 1 (Type K)

XE-3988-001

The Therma 1 features large, easy to read, LCD displays with open circuit 'Err' and low battery indication. Each thermometer is powered by three 1.5-volt AAA batteries that gives a minimum of five years battery life.

The units will power off automatically after ten minutes, maximising battery life. This feature can be disabled by the user, if required.

General Description	Housed in a robust ABS case that contains 'Biomaster' additive that helps to reduce bacterial growth.
Type	Industrial Digital Thermometer
Thermocouple Type	Type K
Accuracy	±0.4°C ±0.1%
Input / Ranges	0.1°C -99.9 to 299.9°C. 1°C 300 to 1372°C
Resolution of data display	0.1°C & 1°C
Dimensions	25 x 56 x 128mm
Power Supply	Battery 3 x 1.5 volt AAA. Battery life 10000 hours/min 5 years

Digital Thermometers

Therma Plus Waterproof Thermometer (Type K)

XE-3984-001

The Therma Plus hand held thermometer is housed in a robust extruded aluminium waterproof case with a white anti-bacterial/salt resistant powder coated finish offering IP66/67 protection.

The ThermaPlus incorporates the latest microprocessor technology with improved durability, designed for reliability and ease of use in routine day-to-day food processing and industrial applications.

General Description	FREE traceable certificate of calibration included. Waterproof case offering IP66/67 protection. Salt resistant. 2 year guarantee
Type	Type K Waterproof Thermometer
Accuracy	±0.4°C ±0.1% of reading
Resolution	0.1 °C resolution then auto-ranging to 1 °C resolution over the range of 300 to 1372 °C
Dimensions	35 x 60 x 115mm
Max. Temperature	1372°C
Min. Temperature	-99.9°C

Digital Thermometers

Therma Hygrometer and Thermometer

XE-3985-001

The British Made low cost 6500 therma-hygrometer measures both relative humidity and air temperature. The instrument displays %rh over the range of 0 to 100%rh with a resolution of 0.1 %rh and temperature over the range of -20 to 70 °C with a resolution of 0.1 °C.

- Dew point calculation & max/min function
- Fixed remote %rh & temperature probe
- 2-year guarantee

ATTENTION

The Humidity Sensors housed in this product are susceptible to contamination from pollutants such as solvents and exposure to saturated air and therefore are not covered under the 2-year warranty. Furthermore, it is expected that the sensor's readings will drift by up to 0.5% per year.

General Description	The 6500 therma-hygrometer incorporates a clear custom LCD with °C, %rh, max/min, hold and dew point indication. An auto power-off facility turns the instrument off after 10 minutes' non-use.
Accuracy	Temperature: ±1 °C over the range 5 to 45 °C otherwise ±1.7 °C Humidity: ±3% (20 to 80 %rh)
Resolution	Temperature: 0.1°C/°F Humidity: 0.1%rh
Dimensions	25 x 56 x 128mm
Max. Temperature	70°C
Min. Temperature	-20°C
Weight	160 grams
Power Supply	3 x 1.5-volt AAA. Battery life: 10000 hours
Sensor Type	temperature: silicone bandgap – humidity: capacitance polymer

Digital Thermometers

Therma Differential Thermometer (Type K)

XE-3989-001

The Therma Differential digital thermometer allows the user to use two type K thermocouple probes simultaneously. The display can be switched to show probe T1 or T2 temperature or the difference between probes T1 and T2 (T1-T2). This allows, for example, the temperature drop across radiators or the temperature rise or fall of two items to be measured.

Each thermometer is housed in a durable, ABS case that has an integrated rubber seal to ensure complete water tightness and help reduce the possibility of damage in harsh environments.

Therma Differential Thermometer two channel, T1 or T2 or T1 minus T2 differential (Probe in images not included, please pick from the wide Labfacility range of probes to suit this product).

General Description	Therma Differential Thermometer two channel, T1 or T2 or T1 minus T2 differential Robust waterproof case offering IP66/67 protection Ideal for radiator balancing or HVAC applications Designed for plumbers, reliable & easy to use Backlight, max/min & hold functions
Thermocouple Type	Type K
Accuracy	±0.4 °C ±0.1 % of reading
Input / Ranges	Range 0.1°C -99.9 to 299.9°C Range 1°C 300 to 1372°C
Resolution of data display	0.1 °C to 299.9°C thereafter 1°C
Dimensions	32 x 71 x 141mm
Power Supply	Battery 3 x 1.5 volt AAA Battery life 7500 hours
Weight	220 grams

Digitron FM45 Digital Thermometer (Type K)

XE-3994-001

The FM45 is a simple-to-use hand-held thermometer featuring a large liquid crystal display, rubber boot and on/ off key making it ideal for use in any environment.

The FM45's protective rubber boot can prevent accidental damage if the instrument is dropped, and is an essential part of any busy environment.

- Water resistant – operates in any environment
- Auto power off - Instrument automatically shuts off after 20 minutes of inactivity
- Field calibration – perform ice bath calibration via the front keypad
- Update rate: 2.5 times per second
- Storage temperature: -13° to 158°F (-25° to 70°C)
- °C/°F - selects Centigrade of Fahrenheit
- Min/Max - selects min or max reading measured
- T1/T2/ΔT - selects probe and differential mode
- HOLD - freezes the reading on the LCD

General Description	This instrument can be used with an option to include general and air probes to enable the user to quickly and accurately measure different temperature requirements. These are connected via a simple dual 2-pin plug.
Thermocouple Type	Type K
Accuracy	58° to 32°F (-50° to 0°C) ±3°F (1.6°C) 32° to 1100°F (0° to 600°C) ±(0.3% of reading, + 1.8°F (1°C)) 1100° to 2462°F (600° to 1350°C) ±(0.4% of reading, + 1.8°F (1°C))
Input / Ranges	K-type thermocouple probe range and accuracy
Resolution of data display	Display LCD, 4 digits, 9999 counts
Dimensions	(HxLxW): 40mm x 190mm x 65mm (1.5" x 7.25" x 2.5")
Max. Temperature	50°C (122°F)

Digital Thermometers

Digitron 2029T Digital Thermometer (Types K, T, J, N, R, S)

XE-3992-001

The rugged 2029T provides precise, stable readings and high accuracy even in the harshest of environments. Optional coloured rubber boots add protection and style to these multi-functional instruments.

- K, T, J, N, R/S Type Sensors
- 2 Pin Mini
- C/F Function
- Max/Min
- Hold Function
- Ranges vary according to sensor type, please see datasheet
- Simple to operate
- 2-year standard warranty
- Long battery life: typically, 500 hours
- Standard splash-proof IP65/waterproof IP67 option
- Robust case for long life in harsh environments
- Accuracy exceeds European food regulations
- Ergonomic design
- Magnified backlit digital display
- Display: 12.7mm / 0.5" custom L.C.D.
- Sensor Open Circuit: Indicated by 'O-C' on display
- Over range/Under range: 'Out' displayed
- Cold Junction Compensation: Yes
- Auto Switch-Off Time: 12 minutes

Thermocouple Type	Sensor Type: K,T, J, N, R/S
Accuracy	0.1% rdg ±0.2°C/0.4°F above -100°C/- 148°F0.5% rdg ±0.2°C/0.4°F below
Connector Type	Connector Type: 2 pin mini
Resolution of data display	0.1° from -199.9°C to +199.9°C/-199.9°F to +392.0°F 1°C elsewhere
Dimensions	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
Max. Temperature	50°C (122°F)
Min. Temperature	-10°C (14°F)
Power Consumption	Battery Life: Typically 500 hours. Low Battery Check: Symbol appears on display

Digital Thermometers

Digitron 2024T Digital Thermometer (Pt100)

XE-3993-001

The rugged 2024T provides precise, stable readings and high accuracy even in the harshest of environments. They are simple to operate, fast, reliable and built to last. Optional coloured rubber boots add protection and style to these multi-functional instruments.

- Pt100 Type Sensor
- TCM Screw Connector
- °C/°F Function
- Hold Function
- Range Lock
- Max/Min
- Averaging
- -150°C to +800°C/ -238°F to +1472°F
- 2-year standard warranty
- Long battery life: typically, 500 hours
- Standard splash-proof IP65
- Robust case for long life in harsh environments
- Magnified backlit digital display
- Display: 12.7mm / 0.5" custom L.C.D.
- Sensor Open Circuit: Indicated by 'O‑C' on display
- Over range/Under range: 'Out' displayed
- Cold Junction Compensation: Yes

Type	Pt100 - Connector Type: TCM screw
Accuracy	±0.2% rdg ±0.1°C/0.2°F over range -150°C to +800°C/ -238°F to +1472°F
Input / Ranges	Over range/Under range: 'Out' displayed
Resolution of data display	0.1° from -199.9°C to +199.9°C/-199.9°F to +392.0°F 1°C elsewhere
Dimensions	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
Max. Temperature	50°C (122°F)
Min. Temperature	-10°C (-14°F)
Power Consumption	Battery Life: Typically 500 hours Low Battery: Check Symbol appears on display

Digital Thermometers

Food Thermometers

GM1311 High Performance Professional Digital Food Thermometer

General Description	LCD display. Temperature lock. Max/Min measuring. Conversion between Celsius degree and Fahrenheit degree. Auto power off
Accuracy	-10 - 100°C: +/-1°C 100 - 200°C: +/-1.5°C
Resolution	0.1°C/°F
Colour	White
Dimensions	9.29 in x 1.34 in x 0.71 in (23.6 cm x 3.4 cm x 1.8 cm). Display dimension:44x18mm
Max. Temperature	300°C (572°F)
Min. Temperature	-50°C (-58°F)
Probe Length	149.5 x 6mm
Weight	Weight: 0.95 oz (27 g)

Digital Thermometers

XE-3966-001
Master Class Folding Cooking Thermometer

Perfect for precise cooking of beef, veal, lamb, pork, chicken and turkey, ensure you have a delicious roast joint of meat for your Sunday lunch, impressing both friends and family.

Sensor Type	Folding Stainless Steel Probe
General Description	The easy to read LCD display clearly shows the internal temperature measured by the stainless steel probe
Max. Temperature	200°C (392°F)
Min. Temperature	-45°C (-49°F)
Dimensions	25.8 x 8.8 x 2.2 cm
Power Supply	1 x LR44 battery (included)
Weight	100g