BLUETOOTH® & WIFI THERMOMETERS

eti

2026

Smart temperature monitoring
and connected data solutions

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Since our launch in 1983, Electronic Temperature Instruments Ltd (ETI) has built a reputation as a British Manufacturer and supplier of innovative, reliable and great value temperature measuring equipment used around the world.

Quality Assurance

ISO 9001:2015 certified by the British Standards Institution (BSI).
ETI reserves the right to update product specifications without prior notice.

Product Guarantee

ETI instruments: 2 years.
Non-ETI products: 12 months.
Sensors/probes: 6 months.
Excludes misuse, wear and tear and unauthorised modifications. Full terms and conditions at etiltd.com

Expert Support

Expert technical support is available from our knowledgeable team, providing trusted advice and assistance whenever you need it.
sales@etiltd.com

Key

AUTO OFF — Automatic Power Off
IP66 — Waterproof to IP67
IP67 — Waterproof to IP67
HOLD — Display Hold Function
Wi-Fi enabled
360° — Rotating LCD
SDK available — Software Development Kit Available
USB device
Bluetooth® enabled
MAX/MIN — Displays Max/Min Readings
Audible Alarm
Backlit LCD
Biomaster — Biomaster product protection
HACCP — Ideal for HACCP Procedures
hub — ThermaData® HUB Software
eti + Cloud subscription — ETI app plus cloud subscription

Check the brochure icons to compare features and identify products compatible with ThermaData® Hub or ETI Cloud.

All prices quoted within the catalogue are exclusive of carriage and VAT at the standard rate.

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Software Development Kits (SDK)

Smart temperature monitoring with app integration (available on request)

Compatible with all ETI *Bluetooth*® products.
Available for Android™, iOS® & Windows®.

Thermapen® ONE Blue*
Thermapen® IR Blue
RayTemp® Blue
TempTest® Blue
TempTest® Plus Blue **NEW**
DishTemp® Blue
Therma K Blue
Therma T Blue
Therma 20 Blue
Therma 22 Blue

*Dot Matrix function for Thermapen ONE Blue is available from SDK v4.0 onwards.



A selection of compatible products

What's Included?	
SDK	**SDK library** Combine library to integrate with your application.
	Example applications Sample apps to help you get started quickly.
	API documentation Comprehensive HTML documentation.
	Release notes Details on changes, improvements and updates.

Every SDK package includes guidance for:

- Integrating the SDK into your application
- Managing *Bluetooth*® communications
- Error handling
- Reviewing release updates and enhancements

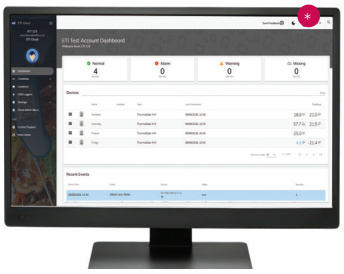
PLATFORM SUPPORT

Android™	iOS®	Windows®
Library .aar	Library Universal Static (.a)	Library .dll
Sample Apps Kotlin, Java	Sample Apps Swift, Objective-C	Sample Apps C#
Requirements Android SDK 21+	Requirements iOS 11+	Requirements Windows 10 .NET 4.72+ Visual Studio
IDE for sample Apps Android Studio 3.6 or later	IDE for sample Apps XCode 11 or later	IDE for sample Apps Visual Studio

For any questions about this SDK release or other software development enquiries relating to ETI thermometers, please contact ETI Technical support or email **technical@etiltd.co.uk**

ETI Cloud: Monitor on the go.

Real-time, cloud-based temperature and humidity monitoring software. Accessible from anywhere online with your cloud subscription via the ETI app. Designed for multi-site monitoring, live alerts and instant reporting keeping you connected no matter where you are.





* Checklist feature not available on the free/starter subscription plan

CLOUD STORAGE
- Securely store your data in the cloud for instant access.
- View readings and reports from any location.
- Perfect for day-to-day monitoring and compliance.

FLEXIBLE REPORTING
- Access detailed insights through a powerful web dashboard or the easy-to-use mobile app.
- Create multiple user accounts with customised roles and permissions.
- Export and download data whenever you need it.

NOTIFICATIONS & ALERTS
- Receive instant notifications when readings exceed your chosen limits.
- Stay informed with SMS and email alerts.
- Get real-time push notifications directly to your device.

TIERED PLANS
- Choose from a range of plans to suit your requirements.
- Connect up to 100 devices per user.
- Plans available from just £0 per month.

SMARTER PROCESSES
- Help prevent costly stock losses.
- Reduce time spent on manual monitoring and record-keeping.
- Move towards a completely paperless process.

ETI CLOUD VIA ETI APP
- Receive instant push alerts.
- View live temperature graphs and historical trends.
- Access your monitoring system on the go.

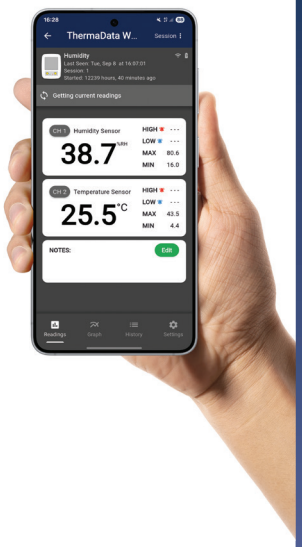
Ideal for: Multi-site operators, facilities managers, pharmacies, cold chain monitoring and businesses that need to monitor temperatures remotely.

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FREE UK DELIVERY OVER £50

Subscription plans

Everything you need, right at your fingertips.



Download the ETI app and explore flexible subscription options to suit your needs.

More info:

Connect up to 100 DEVICES PER USER

PLANS FROM £0 PER MONTH

eti + Cloud subscription

Compatible products

All ETI *Bluetooth*®-enabled thermometers: Thermapen® ONE Blue/Thermapen® IR Blue TempTest® Blue/TempTest® Plus Blue/Therma K Blue/Therma T Blue/Therma 20 Blue Therma 22 Blue/RayTemp® Blue/DishTemp® Blue See pages 8 to 17

ThermaData® WiFi loggers/ThermaData® loggers (Thermistor, Thermocouple & Humidity)

See pages 19 to 21 and pages 24 to 26

Feature	Basic	Home	Professional	Business Pro	Business Pro Plus
Monthly price	FREE	£4.99 inc. VAT £4.16 exc. VAT	£8.99 inc. VAT £7.49 exc. VAT	£29.99 inc. VAT £24.99 exc. VAT	£69.99 inc. VAT £58.33 exc. VAT
Annual price*	FREE	£54.89 inc. VAT £45.74 exc. VAT	£98.89 inc. VAT £82.41 exc. VAT	£329.89 inc. VAT £274.91 exc. VAT	£769.89 inc. VAT £641.58 exc. VAT
Devices	10	16	24	48	100
Users	1	2	3	Unlimited	Unlimited
Mobile app	✓	✓	✓	✓	✓
Push notifications	✓	✓	✓	✓	✓
Email/SMS alerts	X	✓	✓	✓	✓
Auto archived data	X	X	✓	✓	✓
Checklists	X	X	✓	✓	✓
Multiple locations	X	X	2	Unlimited	Unlimited
Permission-based access	X	X	X	✓	✓

*12 months for the price of 11

ThermaData® Hub: Complete Food Safety Software

Monitor, manage and analyse all temperature data from one intuitive platform. ThermaData® Hub software is FREE to download and use with no subscription fees.



USB loggers

WiFi loggers

ThermaData® Hub Desktop software

Analyse. Manage. Report.

ThermaData® Hub is an all-in-one platform for businesses that rely on accurate temperature and humidity monitoring. Connect and manage your WiFi and USB devices with secure local data storage, advanced reporting capabilities, and intelligent filtering tools that make it easier to analyse trends and gain valuable insights from your data. View HACCP records collected via the ThermaData® Hub app from compatible *Bluetooth*® thermometers through an intuitive and easy-to-use interface.

- **Local data storage**
- **40 WiFi devices per user (unlimited USB loggers)**
- **Highly customisable & advanced reporting**

See pages 8 to 27

Scan for more info:

System Requirements:

Compatible with Windows® 11.

Requires an internet connection for installation and operation.

Not compatible with Mac or Chromebook devices.

Requires at least 500mb of free storage (actual usage depends on logger data volume). Requires administrator permissions to install and run a background service.

Requires Microsoft .NET 8 to be installed; the installer will notify you if it is missing.

Ideal for: Quality managers, food manufacturers, healthcare facilities and compliance-focused businesses that need detailed reporting, audit trails and complete control of their data.

Bluetooth® thermometers

ThermaData® Hub app

GET IT ON Google Play

Complete checklists on the go.

- Create custom HACCP checklists on your desktop and seamlessly sync them to the Hub app
- Add notes and corrective actions
- View readings instantly
- Sync to desktop for detailed analysis and reports



Compatible products

Thermapen® ONE Blue
Thermapen® IR Blue
TempTest® Blue
TempTest® Plus Blue
Therma K Blue
Therma T Blue
Therma 20 Blue
Therma 22 Blue
RayTemp® Blue
DishTemp® Blue

See pages 8 to 17

System Requirements:
Android™ - Android 8.0 (Oreo) and above.
Apple® - Not available.
ThermaData® Hub Desktop Software.

THERMADATA® hub

WiFi loggers

TD Link app

GET IT ON Google Play

Download on the App Store

Instant alerts anywhere.

- Push notifications
- Mirrors the WiFi loggers configured by the user in the desktop software
- Add notes and corrective actions
- View readings instantly



Compatible products

ThermaData® WiFi 2-Channel logger (Type K)
ThermaData® WiFi 2-Channel logger (Type T)
ThermaData® WiFi Humidity logger
ThermaData® WiFi logger with internal sensor
ThermaData® WiFi Logger with probe & internal sensor
ThermaData® WiFi Pharm data logger with one external probe
ThermaData® WiFi Pharm data logger with two external probes

See pages 18 to 27

System Requirements:
Apple® - iOS® 12.5.1 and above, iPadOS 13.1 and above.
Android™ - Lollipop 5.1.1 and above.
ThermaData® Hub Desktop Software.

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Thermapen® ONE Blue Thermometer

Fast, accurate readings with instant pass/fail indication

Thermapen® ONE Blue delivers highly accurate temperature readings with *Bluetooth*® connectivity up to 50 metres, enabling secure data transfer to iOS® and Android™ devices. The dot matrix display shows item details, temperature readings, and instant pass/fail feedback with high and low temperature limits when connected to a remote device. Custom app integration and enhanced display features are available via the latest SDK.



FREE calibration certificate

SDK available

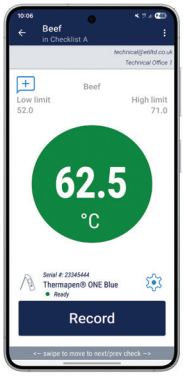
Key Points

- **Intuitive display with pass/fail indicators**
- **IP67 waterproof & Biomaster product protection**
- **High accuracy & fast response**
- **SDK available for custom app integration**

Available in 3 button colours!



Example of ThermaData® Hub app



Scan for more info:

Product specifications	
Range	-49.9 to 299.9 °C
Resolution	0.1 °C
Accuracy	±0.3 °C (-19.9 to 119.9 °C)
	±0.4 °C (-49.9 to 199.9 °C) otherwise ±1 °C
Bluetooth module	BLE 5.0
Battery	1 x 1.5V AAA
Battery Life	500 hours (without backlight)
Sensor type	K thermocouple
Dimensions	19 x 50 x 157 mm
Weight	115 grams

Compatible with

hub THERMADATA® + eti + Cloud subscription

See pages 4 to 7

AUTO OFF · IP67 · HACCP · Biomaster · 2 YEAR GUARANTEE · MADE IN BRITAIN

Code	Product	Price (£)
279-607	Thermapen One Blue - grey	175.00
279-647	Thermapen One Blue - red	175.00
279-657	Thermapen One Blue - blue	175.00
830-701	Silicone cover with magnet - Clear	10.00
830-704	Silicone cover with magnet - Red	10.00
832-002	Stainless steel wall bracket	13.00

BLUETOOTH®

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FREE UK DELIVERY OVER £50

Thermapen® IR Blue Thermometer

Dual-function thermometer for surface and core readings

SDK available



Scan for more info:

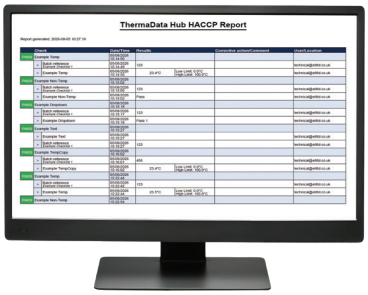
Thermapen® IR Blue combines infrared and probe temperature measurement in one *Bluetooth*®-enabled device, securely transmitting data to iOS® and Android™ devices up to 50 metres away. It provides instant non-contact surface readings and fast, accurate core temperature measurements in just 3 seconds, and includes Biomaster product protection plus SDK support for custom app integration.



360° Patented automatic 360° rotational display

Key Points

- **Highly accurate readings**
- **Patented auto-rotating display for easy viewing**
- **Infrared & probe thermometer in one**
- **Ideal for HACCP procedures**



Example of ThermaData® Hub app



Compatible with hub THERMADATA eti + Cloud subscription

See pages 4 to 7

Product specifications	
Range - infrared	-49.9 to 349.9 °C
Range - probe	-49.9 to 299.9 °C
Resolution	0.1 °C
Accuracy - infrared	±1 °C (0 to 100 °C) otherwise ±2 °C or ±2 % of reading whichever is greater
Accuracy - probe	±0.4 °C (-49.9 to 199.9 °C)
Bluetooth module	BLE 5.0
Field of view	Target ratio 5:1
Emissivity	0.95 default - adjustable via remote device
Battery	2 x 3V CR2032 lithium coin cell
Battery Life	1,000 hours - continuous use
Display	12 mm (H) 10 (V) LCD
Dimensions	19 x 50 x 157 mm
Weight	125 grams

FREE calibration certificate

MAX/MIN AUTO OFF HACCP Biomaster PROTECTED 2 YEAR GUARANTEE MADE IN BRITAIN

Code	Product	Price (£)
228-965	Thermapen IR Blue	190.00
830-480	Protective silicone cover	9.00
832-002	Stainless steel wall bracket	13.00
830-485	Silicone cover - glow in dark	11.50

BLUETOOTH®

TempTest® Blue Thermometer

Fast, accurate temperature readings with wireless data transfer

The TempTest® Blue combines high-accuracy temperature measurement with *Bluetooth*® connectivity, allowing secure data transfer to iOS® and Android™ devices up to 50 metres away. Its IP67 waterproof design features Biomaster product protection, a fast-response stainless steel probe for accurate readings in just 3 seconds, and SDK support for custom app integration.

SDK available

Scan for more info:





360° Automatic 360° rotating display

Key Points

- **High-accuracy temperature readings**
- **Fast 3-second response time**
- **IP67 waterproof with Biomaster product protection**
- **SDK available for custom app integration**

Product specifications	
Range	-49.9 to 299.9 °C
Resolution	0.1 °C/°F
Accuracy	±0.4 °C (-49.9 to 199.9 °C) otherwise ±1 °C
Bluetooth module	BLE 5.0
Battery	2 x 1.5V AAA
Battery Life	1,000 hours - continuous use
Sensor type	K thermocouple
Display	11 mm LCD
Dimensions	17 x 47 x 200 mm (inc. probe)
Weight	105 grams

Compatible with hub, eti + Cloud subscription

See pages 4 to 7

FREE calibration certificate

AUTO OFF | IP67 | HACCP | Biomaster | 2 YEAR GUARANTEE | MADE IN BRITAIN

Code	Product	Price (£)
292-910	TempTest Blue	145.00
830-431	Protective silicone cover - white*	6.00
830-550	Holster belt clip & wall bracket	4.50

*Various colours are available. See our website for details.

BLUETOOTH®

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FREE UK DELIVERY OVER £50

TempTest® Plus Blue Thermometer

NEW

Smart temperature monitoring with instant pass/fail feedback

SDK available



360° rotating dot-matrix display

Scan for more info:

FREE calibration certificate

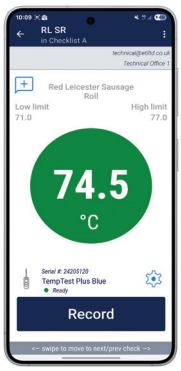
Probe sold separately

The TempTest® Plus Blue combines *Bluetooth*® connectivity with a rotating display that shows temperature readings, item names, and instant pass/fail results. Its IP67 waterproof design, Biomaster product protection and interchangeable Type K probe compatibility make it ideal for food safety applications.

Key Points

- **360° rotating dot-matrix display**
- **IP67 waterproof & Biomaster product protection**
- ***Bluetooth*® data transfer up to 50 metres**
- **SDK available for custom app integration**

Example of ThermaData® Hub app



Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7



AUTO OFF · IP67 · HACCP · Biomaster · 2 YEAR GUARANTEE · MADE IN BRITAIN

Code	Product	Price (£)
223-241	TempTest Plus Blue	160.00*
133-153	Fast response penetration probe (120 mm)	25.00
133-154	Fast response penetration probe (80 mm)	24.00

*Exclusive of probe(s)

Product specifications	
Range	-199.9 to 1372 °C
Resolution	0.1 °C to 999.9 °C thereafter 1 °C
Accuracy	±0.4 °C ±1% of reading
Bluetooth module	BLE 5.0
Battery	2 x 1.5V AAA
Battery Life	750 hours - continuous use
Sensor type	K thermocouple
Dimensions	22.2 x 58.0 x 138.5 (inc. probe)
Weight	141 grams

Therma K Blue Thermometer

Reliable temperature measurement, wirelessly connected

The Therma K Blue combines the proven performance of a thermocouple thermometer with *Bluetooth*® connectivity for secure temperature data transfer to iOS® and Android™ devices. Featuring Biomaster product protection, long battery life and SDK support for custom applications, it's ideal for professional temperature monitoring.

For more info plus compatible probes and accessories:



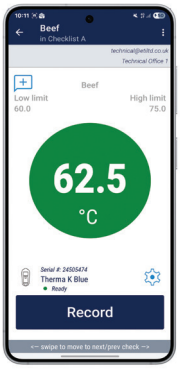
Probe sold separately

Key Points

- ***Bluetooth*® connectivity up to 50 metres**
- **Compatible with a wide range of thermocouple probes**
- **Durable design with Biomaster product protection**
- **SDK available for custom app integration**

SDK available





Example of ThermaData® Hub app

Compatible with hub eti + Cloud subscription

See pages 4 to 7

FREE calibration certificate

Product specifications	
Range	-199.9 to 1372 °C
Resolution	0.1 °C to 999.9 °C thereafter 1 °C
Accuracy	±0.4°C ±0.1%
Bluetooth module	BLE 5.0
Battery	3 x 1.5V AAA
Battery Life	3,000 hours
Display	12 mm LCD
Dimensions	25 x 56 x 128 mm
Weight	140 grams

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Code	Product	Price (£)
292-042	Therma K Blue - shrouded end cap	125.00*
123-168	Extended penetration probe	37.00
133-041	Air wire probe	35.00
133-154	Fast response penetration probe	24.00
832-050	Therma series s/s wall bracket & cover	17.00
830-221	Protective silicone cover - white**	8.00

*Exclusive of probe(s)

**Various colours are available. See our website for details.

BLUETOOTH®

Therma T Blue Thermometer

High-accuracy thermocouple thermometer with wireless data transfer

The Therma T Blue combines precise temperature measurement with *Bluetooth*® connectivity and interchangeable Type T probes, making it ideal for food, water, air, and ambient temperature monitoring. Featuring long battery life and SDK support for custom app integration, it's designed for professional use.

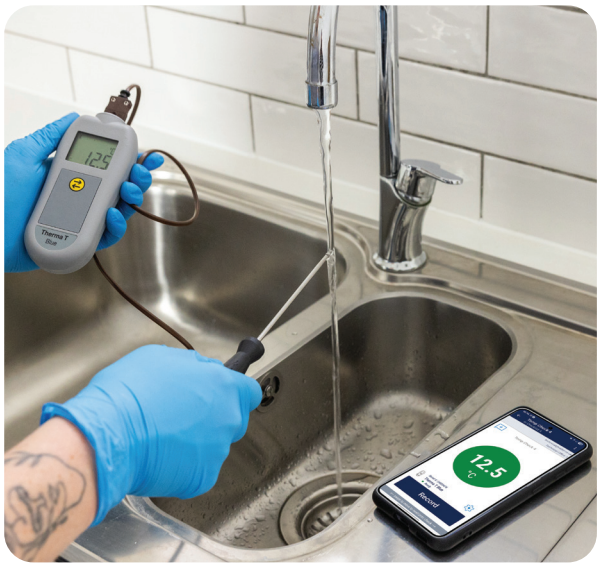
SDK available

Probe sold separately



Key Points

- **High accuracy ±0.2 °C**
- **Interchangeable thermocouple probes**
- ***Bluetooth*® connectivity up to 50 metres**
- **SDK available for custom app integration**



For more info plus compatible probes and accessories:

FREE calibration certificate

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Compatible with

hub THERMADATA® + eti + Cloud subscription

See pages 4 to 7

Code	Product	Price (£)
292-107	Therma T Blue	125.00*
127-159	Fast response probe	34.50
832-050	Therma series s/s wall bracket & cover	17.00
830-221	Protective silicone cover - white**	8.00

Product specifications	
Range	-199.9 to 400 °C
Resolution	0.1 °C
Accuracy	±0.2°C ±0.1%
Bluetooth module	BLE 5.0
Battery	3 x 1.5V AAA
Battery Life	3,000 hours
Dimensions	25 x 56 x 128 mm
Display	12 mm LCD
Weight	140 grams

*Exclusive of probe(s)

**Various colours are available. See our website for details.

Therma 20 Blue Thermometer

Trusted accuracy with effortless digital temperature recording

The Therma 20 Blue combines high-accuracy temperature measurement with *Bluetooth*® connectivity for secure data transfer to iOS® and Android™ devices. Compatible with a wide range of thermistor probes, it features long battery life, paperless recording and SDK support for custom applications.

SDK available

For compatible probes, test caps & accessories:

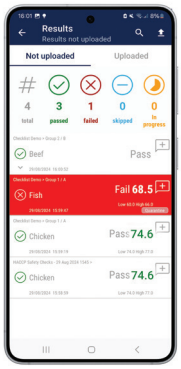


Key Points

- **High accuracy (±0.5°C)**
- **Compatible with a wide range of thermistor probes**
- **Optional Thermistor Test Caps for accuracy checks**
- **SDK available for custom app integration**



Probe sold separately



Example of ThermaData® Hub app

Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

Product specifications	
Range	-39.9 to 149.9 °C
Resolution	0.1 °C
Accuracy - Instrument only	±0.2 °C
System Accuracy - Thermistor	±0.5 °C (-24.9 to 109.9 °C)
Bluetooth module	BLE 5.0
Battery	3 x 1.5V AAA
Battery Life	3,000 hours
Display	12 mm LCD
Dimensions	25 x 56 x 128 mm
Weight	130 grams

FREE calibration certificate

AUTO OFF

HACCP

Biomaster

2 YEAR GUARANTEE

MADE IN BRITAIN

Code	Product	Price (£)
292-040	Therma 20 Blue	125.00*
174-166	Thermistor penetration probe	37.00
286-001	Thermistor test cap -18 °C	40.00
286-002	Thermistor test cap 0 °C	40.00
286-003	Thermistor test cap 3 °C	40.00
286-004	Thermistor test cap 70 °C	40.00
286-005	Thermistor test cap 100 °C	40.00
832-050	S/steel wall bracket & cover	17.00
830-221	Protective silicone cover - white**	8.00

*Exclusive of probe(s)

**Various colours are available. See our website for details.

BLUETOOTH®

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FREE UK DELIVERY OVER £50

Therma 22 Blue Thermometer

Versatile temperature monitoring with dual-probe compatibility

SDK available

The Therma 22 Blue combines *Bluetooth*® connectivity with the flexibility of accepting both thermocouple and thermistor probes, making it ideal for a wide range of temperature monitoring applications. Featuring high accuracy, paperless recordings, calibration test cap compatibility and SDK support, it's designed for professional use and ideal for HACCP compliance.



FREE calibration certificate

Key Points

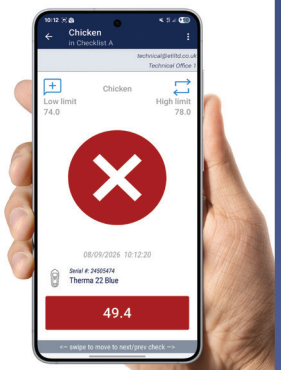
- **Accepts thermocouple and thermistor probes**
- **High accuracy (±0.5 °C)**
- ***Bluetooth*® connectivity up to 50 metres**
- **Compatible with calibration test caps**



Probe sold separately

Product specifications	
Range - Type T Thermocouple (T/C)	-199.9 to 400 °C
Range - Thermistor	-39.9 to 149.9 °C
Resolution - Type T T/C	0.1 °C to 300 °C thereafter 1 °C
Resolution - Thermistor	0.1 °C
Accuracy - Instrument only	±0.2 °C
System Accuracy - Type T T/C	±0.5 °C (-50 to 150 °C)
System Accuracy - Thermistor	±0.5 °C (-24.9 to 109.9 °C)
Bluetooth module	BLE 5.0
Battery	3 x 1.5V AAA
Battery Life	3,000 hours
Dimensions	25 x 56 x 128 mm
Display	12 mm LCD
Weight	130 grams

Example of ThermaData® Hub app



Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

For compatible probes, test caps & accessories:

AUTO OFF · HACCP · Biomaster PROTECTED · 2 YEAR GUARANTEE · MADE IN BRITAIN

Code	Product	Price (£)
292-022	Therma 22 Blue	135.00*
177-166	Fast response probe	35.50
832-050	S/steel wall bracket & cover	17.00
830-221	Protective silicone cover - white**	8.00

*Exclusive of probe(s)

**Various colours are available. See our website for details.

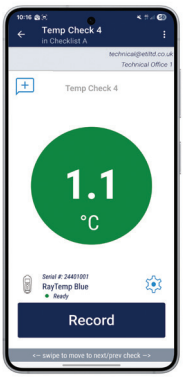
RayTemp® Blue Thermometer

Non-contact temperature monitoring with wireless data capture



SDK available

The RayTemp® Blue combines non-contact infrared temperature measurement with *Bluetooth*® connectivity for secure data transfer to iOS® and Android™ devices. Featuring a robust design that contains Biomaster product protection, paperless recording, adjustable emissivity and SDK support for custom applications, it's ideal for professional surface temperature monitoring.



Example of ThermaData® Hub app

Scan for more info:

Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

Key Points

- **Secure *Bluetooth*® data transfer up to 50 metres**
- **5:1 target distance-to-spot ratio**
- **Paperless temperature recording**
- **Free traceable calibration certificate**

FREE calibration certificate · AUTO OFF · HACCP · Biomaster · 2 YEAR GUARANTEE · MADE IN BRITAIN

Product specifications	
Range	-49.9 to 349.9 °C
Resolution	0.1 °C/°F
Accuracy	±1 °C (0 to 100 °C) otherwise ±2 °C or ±2 % of reading whichever is greater
Field of view	Target ratio 5:1
Bluetooth module	BLE 5.0
Emissivity	0.95 default - adjustable 0.1 to 1
Battery	3 x 1.5V AAA
Battery Life	3,000 hours
Display	12 mm LCD
Dimensions	25 x 56 x 128 mm
Weight	140 grams

Code	Product	Price (£)
228-920	RayTemp Blue	145.00
832-050	Therma series s/s wall bracket & cover	17.00
830-221	Protective silicone cover - white*	8.00
814-132	Comparator	46.00

*Various colours are available. See our website for details.

BLUETOOTH®

DishTemp® Blue Dishwasher Thermometer

Reliable dishwasher temperature monitoring with digital data logging



The DishTemp® Blue accurately records maximum plate surface temperatures during dishwasher cycles and securely transfers data to iOS® and Android™ devices. Designed to eliminate paper records and reduce human error, it features a durable IP66 waterproof design, is ideal for HACCP compliance and SDK support for custom app integration.



Scan for more info:

SDK available

FREE calibration certificate

Key Points

- **Simulates maximum plate surface temperatures**
- **IP66 waterproof design**
- **Ideal for HACCP compliance**
- **Free traceable calibration certificate**

Example of ThermaData® Hub app



Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

IP66 HACCP

Product specifications	
Range	0 to 90 °C
Resolution	0.1 °C/°F
Accuracy	±0.5 °C
Bluetooth module	BLE
Battery	3V CR2032 lithium coin cell
Battery Life	40 hours
Display	Custom LCD
Dimensions	14 x Ø127 mm
Weight	120 grams

Code	Product	Price (£)
810-289	DishTemp Blue thermometer	70.00
830-480	Stainless steel wall bracket	13.00

ThermaData® WiFi Loggers

Wi-Fi temperature monitoring with real-time alerts and cloud options



ThermaData® WiFi Loggers use Wi-Fi technology to remotely monitor and record temperatures in appliances and buildings. Each battery-powered logger securely transmits data via a Wi-Fi router to ThermaData® Hub, allowing temperature readings, alarms, and historical data to be viewed from a PC, laptop, or tablet with an internet connection. Featuring an LCD display, programmable recording intervals, alarm indicators, and storage for up to 18,000 readings, the system provides a cost-effective solution for continuous temperature monitoring, analysis, and reporting with no subscription fees.

For more info on WiFi loggers:

Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

ThermaData® Hub software



Analysis

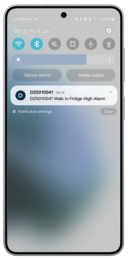


Reports (PDF, excel, CSV)

- Local storage
- Advanced analysis
- Custom reports
- Audit trail

TD Link app

for Push Notifications



Instant alerts anywhere.

WiFi Router Requirements:
Supports 2.4GHz WiFi and channels 1-13. Loggers require access to api.thermadatawifi.info.
If MAC filtering is enabled, logger MAC addresses are on each unit label.
Mixed-band networks may affect some WiFi 1.0 units. ETI support for issues involving WiFi boosters/extenders may be limited due to router compatibility variations.

eti 01903 202151 | sales@etiltd.com | etiltd.com

FREE UK DELIVERY OVER £50

ThermaData® WiFi Thermistor Loggers

Accurate Wi-Fi temperature monitoring with flexible probe options



ThermaData® WiFi thermistor loggers are available with internal and/or external stainless steel probes, with models offering up to two remote sensors for flexible temperature monitoring.

MAX/MIN HACCP 2 YEAR GUARANTEE MADE IN BRITAIN

Compatible with hub eti + Cloud subscription

See pages 4 to 7

Code	Product	Price (£)
298-001	Model TD	104.00
298-011	Model TD1F	116.00*
298-111	Model TD2F	130.00*

FREE calibration certificate

*Inclusive of thermistor probe(s)

Product specifications	
Range - internal	**TD/TD1F** 0 to 50 °C **TD2F** N/A
Range - external	**TD** N/A **TD1F/TD2F** -40 to 125 °C
Resolution	0.1 °C/°F
Accuracy	±0.5 °C
Memory	**TD** 9,000 readings **TD1F/TD2F** 18,000 readings (2 x 9,000)
Sample rate	6 seconds to 330 minutes
Battery & Life	2 x 1.5V AA - Approx. 1 year
Display	12 mm LCD/2 LED's
Dimensions	29 x 72.5 x 96 mm
Weight	165 grams - model dependant

ThermaData® WiFi Thermocouple loggers

Two-channel temperature monitoring (Type K or T)

ThermaData® Wi-Fi thermocouple loggers are available in Type K or Type T versions and are supplied without probes, allowing you to select the ideal probe for your application. See opposite.



FREE calibration certificate

Scan for full probe range:

MAX/MIN HACCP 2 YEAR GUARANTEE MADE IN BRITAIN

Compatible with hub eti + Cloud subscription

See pages 4 to 7

Code	Product	Price (£)
298-121	Model TD2TC - type K	125.00*
298-721	Model TD2TC - type T	125.00*
830-800	Magnetic mount	9.00
830-880	Protective cover - black	14.00

*Exclusive of thermocouple probes

Product specifications	
Range - type K	-100 to 1372 °C
Range - type T	-100 to 400 °C
Resolution	0.1 °C/°F to 999.9 thereafter 1 °C/°F
Accuracy	±0.4 °C ±0.1 % of reading
Memory	2 x 9000 readings
Sample rate	6 seconds to 330 minutes
Battery & Life	2 x 1.5V AA - Approx. 1 year
Display	12 mm LCD/2 LED's
Dimensions	29 x 72.5 x 96 mm
Weight	165 grams

ThermaData® WiFi Humidity Loggers

Reliable temperature measurement, wirelessly connected

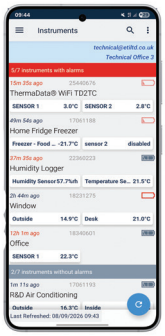
ThermaData® WiFi humidity loggers measure and record both temperature and relative humidity, storing up to 18,000 readings. Featuring a clear LCD display and alarm indicators, they are ideal for HVAC, storage and environmental monitoring applications.



Key Points

- **Free software with no subscription or ongoing costs**
- **Simultaneous temperature and humidity monitoring**
- **Access live and recorded data via the TD Link app**
- **Programmable high and low alarm notifications**

Scan for more info:



Example of TD Link app



Product specifications	
Range	**Temperature** 0 to 50 °C **Humidity** 0 to 100 %rh
Resolution	**Temperature** 0.1 °C/°F **Humidity** 0.1 %rh
Accuracy	**Temperature** ±0.5 °C (0 to 50 °C) **Humidity** ±3 %rh @ 25 °C (10 to 90 %rh) ±4 %rh @ 25 °C (0 to 100 %rh)
Hysteresis	**Temperature** N/A **Humidity** ±1 %rh
Sensor type	**Temperature** Thermistor **Humidity** Capacitance polymer
Memory	2 x 9000 readings
Sample rate	6 seconds to 330 minutes
Battery	2 x 1.5V AA
Battery Life	Approx. 10 months @ 20 °C
Display	12 mm LCD/2 LED's
Dimensions	29 x 72.5 x 96 mm
Weight	165 grams

Compatible with

hub THERMADATA® + eti + Cloud subscription

See pages 4 to 7

FREE calibration certificate

MAX/MIN

HACCP

2 YEAR GUARANTEE

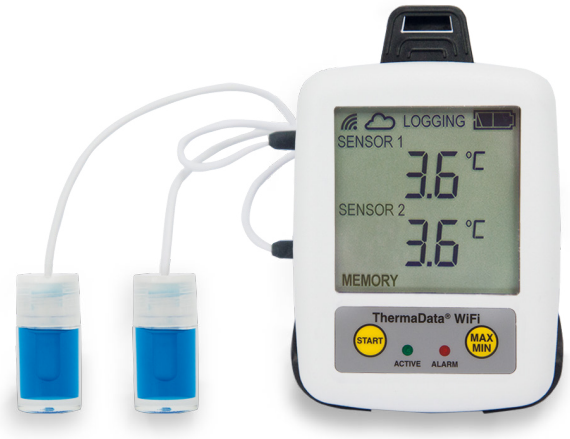
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Code	Product	Price (£)
298-621	ThermaData WiFi HTD	150.00
830-880	Protective silicone cover - black	14.00
830-800	Magnetic mount	9.00
890-111	UKAS 3-point certificate available	85.00*

*when purchased with a new logger

ThermaData® Pharm WiFi Loggers

Secure vaccine monitoring with worldwide Wi-Fi connectivity



Pictured with wall bracket (included with purchase)

The ThermaData® Pharm WiFi logger provides reliable remote temperature monitoring for vaccines, medicines, and other temperature-sensitive products. Available with either one external probe plus an internal sensor (TD1F-PHM) or two external probes (TD2F-PHM), it features a clear LCD display, programmable alarms and secure cloud-based data access via ThermaData Hub. Each unit is supplied with a glycol bottle probe, free software, and a traceable calibration certificate.

Compatible with

hub THERMADATA® + eti + Cloud subscription

See pages 4 to 7



Key Points

- **Designed for vaccines, medicines and pharmaceutical storage**
- **Simulated product temperature monitoring with glycol bottle sensors**
- **Remote access to live and recorded data worldwide**
- **Free software, calibration certificate and alarm alerts included**

Scan for more info:

FREE calibration certificate

MAX/MIN

HACCP

2 YEAR GUARANTEE

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Product specifications	
Range - internal	**Model TD1F** 0 to 50 °C **Model TD2F** N/A
Range - external	**Model TD1F** -40 to 70 °C **Model TD2F** -40 to 70 °C
Resolution	0.1 °C/°F
Accuracy	±0.5 °C
Memory	2 x 9,000 readings
Sample rate	6 seconds to 330 minutes
Battery	2 x 1.5V AA
Battery Life	Approx. 1 year
Display	12 mm LCD/2 LED's
Dimensions	29 x 72.5 x 96 mm
Weight	165 grams

Code	Product	Price (£)
298-011-PHM	Model TD1F c/w Pharm probe	118.50*
298-111-PHM	Model TD2F c/w Pharm probes	138.50*
830-880	Protective silicone cover - black	14.00
832-590	Replacement ABS wall bracket	4.50
830-800	Magnetic mount	9.00
816-035	Replacement Glycol solution - 50 ml	8.50

*Inclusive of probe(s) & USB-C® lead

ThermaData® Lite Logger - 4 colours

Simple temperature logging with instant visual alarm indication

The ThermaData® Lite is a cost-effective, self-contained temperature logger designed for reliable environmental monitoring. Easy to programme using free ThermaData Hub software, it offers flexible logging intervals, custom alarm settings, and clear LED alarm indication. Available in a range of colours, it helps simplify identification, improve HACCP compliance and support storage and transportation monitoring.



Key Points

- **Customisable high and low temperature alarms**
- **Red/green LED status indication for quick checks**
- **Free ThermaData® Hub software download included**
- **Available in colour-coded cases to prevent cross-contamination**

Compatible with hub

See pages 6 and 7

Connect to PC via USB-C® lead

(Product requires purchase of a USB-C® lead)

Scan for more info:

MAX/MIN

2 YEAR GUARANTEE MADE IN BRITAIN

UKAS certificate available



EXAMPLE PDF FILE

Product specifications	
Range	-40 to 85 °C
Resolution	0.1 °C
Accuracy	±0.5 °C
Memory	16,000 readings
Sample rate	6 seconds to 255 minutes
Battery	3.6V ½ AA lithium
Battery Life	Minimum 3 years
Sensor type	K thermocouple
Dimensions	Ø55 x 25 mm
Weight	40 grams

Code	Product	Price (£)
293-010	ThermaData Lite - white	50.00
293-020	ThermaData Lite - yellow	50.00
293-050	ThermaData Lite - blue	50.00
293-070	ThermaData Lite - black	50.00
812-510	USB-C® lead	4.00

ThermaData® Stainless Steel Pro Loggers

Rugged stainless steel logging for demanding temperature applications



The ThermaData® Stainless Steel Pro loggers are a robust, waterproof temperature logger designed for food, pharmaceutical and industrial applications. Housed in a food-grade 316 stainless steel case, it offers reliable monitoring in demanding environments. Available with six probe configurations, it features flexible alarm settings, USB-C® data download and free ThermaData® Hub software for easy analysis and reporting.

Compatible with

See pages 6 and 7

Scan for more info:

FREE calibration certificate

Connect to PC via USB-C® lead

Supplied with a one metre USB-C® lead

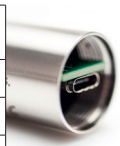


EXAMPLE PDF FILE

Key Points

- **Waterproof IP67 food-grade 316 stainless steel housing**
- **High temperature range from -20 to 125 °C**
- **Six probe options, including fast-response variant**
- **USB-C connectivity with automatic PDF reporting**

Product specifications	
Range	-20 to 125 °C
Resolution	0.1 °C
Accuracy	±0.5 °C
Memory	16,000 temperature readings
Sample rate	1 second to 255 minutes
Battery	3.6V 2/3 AA lithium
Battery life	3 years (based on 6 sec sample rate)
Dimensions	Ø22.5 x 129 mm (excluding probe)
Weight	170 grams - model dependant



USB-C® connection point

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Code	Product	Price (£)
294-900	Stainless steel logger - without probe	140.00
294-940	Stainless steel logger - 20 mm FR probe	155.00
294-930	Stainless steel logger - 50 mm probe	150.00
294-931	Stainless steel logger - 100 mm probe	160.00
294-932	Stainless steel logger - 150 mm probe	165.00
294-933	Stainless steel logger - 200 mm probe	170.00

ThermaData® Thermistor Loggers

Reliable temperature logging with high-capacity memory and durability

The ThermaData® Thermistor Logger is a robust, waterproof temperature data logger designed for reliable monitoring in storage, transport and HACCP environments. Available with internal or external sensors, it features a 120,000-reading memory, programmable alarms, multi-logging capability and a clear LCD display. Data is easily downloaded via USB-C and analysed using free ThermaData® Hub software.



FREE calibration certificate

Key Points

- **Stores up to 120,000 temperature readings**
- **Multi-logging function captures multiple processes per download**
- **Waterproof IP67 housing with built-in magnets**
- **Free ThermaData® Hub software, no subscription fees**

Scan for more info:

Compatible with

hub THERMADATA eti + Cloud subscription

See pages 4 to 7

Connect to PC via USB-C® lead

Supplied with a one metre USB-C® lead



Product specifications	
Range - internal	-20 to 85 °C
Range - external	-40 to 125 °C (TD1F only)
Operating range	-20 to 85 °C
Resolution	0.1 °C
Accuracy	±0.5 °C (instrument only) ±0.1 °C (system)
Memory	120,000
Sample rate	1 second to 240 minutes
Battery	1 x 2/3 AA Li-CoCl2
Battery life	1 year (default settings)
Sensor type	Thermistor
Display	12 mm LCD
Dimensions	67 x 84 x 30.5 mm
Weight	132.9 grams (TD) / 147.8 grams (TD1F)

IP67 HACCP 2 YEAR GUARANTEE MADE IN BRITAIN

Code	Product	Price (£)
291-001	Model TD Thermistor	68.00
291-011	Model TD1F Thermistor	85.00

ThermaData® Thermocouple Logger

Built for accurate high-temperature monitoring and compliance



Probe(s) sold separately

Scan for more info:

The ThermaData® Thermocouple Logger is a rugged, waterproof data logger designed for high-temperature monitoring. Featuring dual type K inputs, IP67 protection and a temperature range of -100 to 1372 °C, it stores up to 120,000 readings, supports multi-logging, and enables detailed analysis using free ThermaData® Hub software.

Compatible with

hub THERMADATA eti + Cloud subscription

See pages 4 to 7

Connect to PC via USB-C® lead

Supplied with a one metre USB-C® lead

FREE calibration certificate



Product specifications	
Range	-100 to 1372 °C
Operating range	-20 to 85 °C
Resolution	0.1 °C (up to 300 °C) thereafter 1 °C
Accuracy	±0.4 °C or ±0.1 % of reading
Memory	120,000 readings
Sample rate	1 second to 240 minutes
Battery	1 x 2/3 AA Li-CoCl2
Battery life	1 year (1 minute sample rate)
Sensor type	Thermocouple
Display	Dual 12 mm LCD
Dimensions	67 x 84 x 30.5 mm
Weight	269.7 grams

Key Points

- **Dual type K thermocouple inputs**
- **Stores up to 120,000 readings**
- **IP67 waterproof housing with built-in magnets**
- **Free ThermaData® Hub software, no subscription fees**

IP67 HACCP 2 YEAR GUARANTEE MADE IN BRITAIN

Code	Product	Price (£)
291-121	Model TD2TC (Type K)	100.00*
133-350	Food simulant temperature probe (1 m)	35.00
133-352	Food simulant temperature probe (3 m)	40.00
133-354	Food simulant temperature probe (5 m)	45.00

*Exclusive of probes

ThermaData® Humidity Logger

Accurate temperature and humidity logging with extensive storage

The ThermaData® Humidity Logger provides reliable temperature and humidity monitoring with a remote sintered probe for accurate measurements. Featuring a large LCD display with max/min values and LED indicators for logging status and exceeded limits, it stores up to 120,000 readings. Data is easily downloaded via USB-C® and analysed using free ThermaData® Hub software



Scan for more info:

Connect to PC via USB-C® lead

Supplied with a one metre USB-C® lead

Compatible with

hub THERMADATA® eti + Cloud subscription

See pages 4 to 7

Product specifications	
Range	-20 to 70 °C / 0-100 %rh
Operating range	-20 to 85 °C
Resolution	0.1 °C
Accuracy	±0.5 °C (temperature) ±2%rh (20 to 80%rh) otherwise 3%
Memory	120,000 readings
Sample rate	1 second to 240 minutes
Battery	1 x 2/3 AA Li-CoCl2
Battery life	1 year (default settings)
Sensor type	Thermistor / Capacitive Polymer
Display	Dual 12 mm LCD
Dimensions	67 x 84 x 30.5 mm
Weight	175.1 grams

Key Points

- **Stores up to 120,000 temperature & humidity readings**
- **Custom alarms with visual LED alerts**
- **Built-in magnets for convenient positioning**
- **Capture multiple processes in a single download**

FREE calibration certificate

HACCP 2 YEAR GUARANTEE MADE IN BRITAIN

Code	Product	Price (£)
291-621	Model HDTF (humidity)	110.00

ThermaData®
4 Channel logger

Four channels. Real-time alerts. Total temperature confidence.



*Probe(s) sold separately

The ThermaData® 4 Channel Logger delivers accurate four-channel temperature monitoring with programmable alarms and real-time data logging. Its rugged IP67 waterproof design stores up to 64,000 readings and supports HACCP compliance with free reporting software, alerts and actionable insights.

Compatible with hub THERMADATA®

See pages 6 and 7

Connect to PC via USB-C® lead

Supplied with a one metre USB-C® lead



Key Points

- **4-channel Type K temperature monitoring**
- **-99.9°C to 1372 °C temperature range with audible alarms**
- **IP67 waterproof case with Biomaster product protection**
- **Real-time alerts and actionable insights**

Product specifications	
Range	-99.9 to 1372 °C
Operating range	-20 to 50°C
Resolution	0.1 °C to 299.9 °C thereafter 1 °C
Accuracy	±0.4 °C ±0.1 % of reading
Memory	64,000 (4 x 16,000)
Sample rate	1 second to 255 minutes
Battery	3 x 1.5V AAA
Battery life	1 year (1 minute sample rate)
Sensor type	Type K thermocouple
Display	Custom LCD
Dimensions	32 x 71 x 142 mm
Weight	230 grams

Scan for more info:

FREE calibration certificate

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Code	Product	Price (£)
291-401	ThermaData 4 Channel Logger	220.00*
133-158	General purpose probe	24.00
830-258	Protective silicone cover - black	14.00

*Exclusive of probes

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