TEMP1000P

RUGGED TEMPERATURE DATA LOGGER WITH 7"PROBE

Features

- Rugged
- Submersible
- Reusable
- Programmable start time
- Real-time operation
- N.I.S.T. traceable
- User-friendly
- Low cost
- CE compliant

Benefits

- Simple Setup and Installation
- Minimal Long-Term Maintenance
- Long-Term Field Deployment

Applications

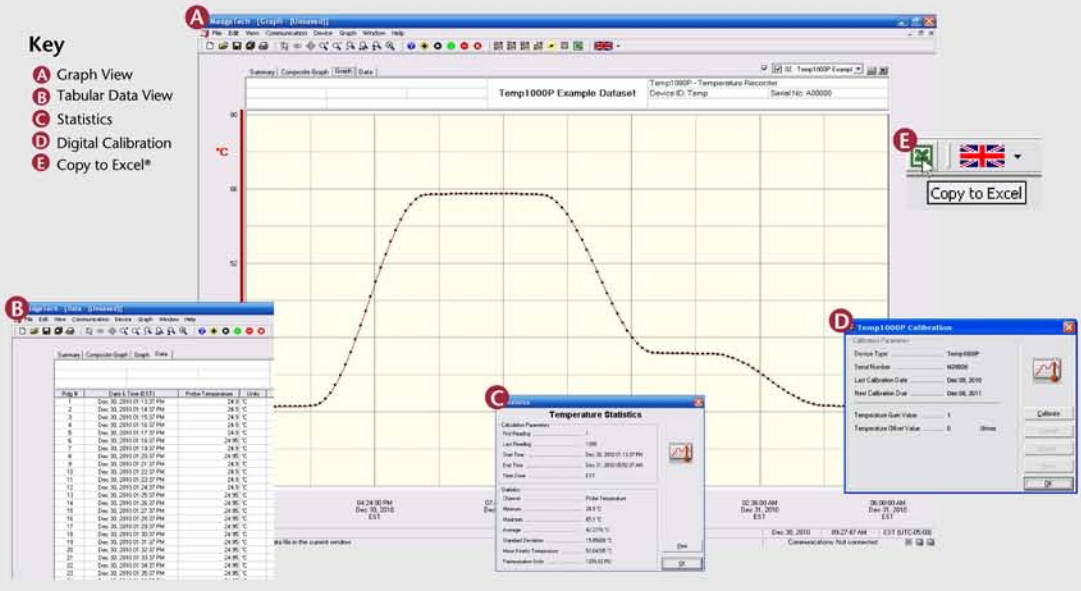
- Implement HACCP programs
- Food preparation and processing
- Environmental studies
- Well monitoring
- Dish washer testing
- Hostile environment monitoring
- Medical and pharmaceutical

The 7" probe on the Temp1000P reaches for the temperature you need and records it with the precision you demand. The probe has a resolution of 0.05°C and a range of –50 to +400°C. (The body of the Temp1000P is rated for –40 to +125°C).

Food processing of large items (e.g., hams, beef sides) requires temperature validation deep inside the product to ensure the cooking, cooling or storage processes were within specification. The food-grade 7" probe has a sharp point for easy insertion into the product. The Temp1000P is submersible, allowing for use during washing or spraying.

The computer software will display your data in the common units of temperature along with Kelvin and Rankine. The software also includes built-in Pasteurization Units (PU) and F_0 analyses. If our powerful software doesn't do the exact analysis you need, one click is all you need to export the data into Microsoft Excel®.

DATA LOGGER SOFTWARE



Software Features:

- Multiple graph overlay
- Statistics
- Digital calibration
- Zoom in/ zoom out
- Lethality equations (F_0, PU)
- Mean Kinetic Temperature
- Full time zone support
- Data annotation
- Min./Max./Average lines
- Data table view
- Automatic report generation
- Summary view
- Multilingual

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TEMP1000P SPECIFICATIONS*

Temperature Sensor:	100Ω Platinum RTD
Temperature Range:	-40 to +125°C
Probe Range:	-50 to +400°C
Temperature Resolution:	0.05°C
Calibrated Accuracy:	±0.5°C
Specified Accuracy Range:	100°C span between calibration points
Start Modes:	Software programmable immediate start or delay start, up to six months in advance
Real-Time Recording:	May be used with PC to monitor and record data in real time
Memory:	32,767 readings
Reading Rate:	1 reading every 2 seconds to 1 every 12 hours
Lethality Equations:	Sterilization Units and Pasteurization Units are available in software with the click of a button
Calibration:	Digital calibration through software
Calibration Date:	Automatically recorded within device
Battery Type:	3.6V lithium battery included, **user replaceable**
Battery Life:	1 year typical (1 minute reading rate at 25°C)
Data Format:	Date and time stamped °C, °F, K, °R
Time Accuracy:	±1 minute/month at 20°C (RS232 cable not in use)
Computer Interface:	PC serial or USB (Interface cable required); 2,400 baud
Software:	XP SP3/Vista/Windows 7
Operating Environment:	-40 to +125°C, 0%RH to 100%RH, submersible to 150'
Body Dimensions:	4.5" x 1.0" dia. (115mm x 26mm dia.)
Probe Dimensions:	6.75" x 3/16" dia. (172mm x 5 mm dia.)
Enclosure:	303 stainless steel
Probe:	304 stainless steel
Weight:	7.3 oz (205g)
Approvals:	CE

BATTERY WARNING: *WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, CRUSH, PENETRATE, OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 80°C (176°F).*

*SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. SPECIFIC WARRANTY REMEDY LIMITATIONS APPLY.

ORDERING INFORMATION

MODEL	DESCRIPTION
TEMP1000P	Rugged Temperature Recorder with 7" Probe
IFC200	Software, manual and USB interface cable
	N.I.S.T. Traceable Calibration Certificate

PTC Metrology™ is accredited by A2LA to ISO/IEC 17025 and ANSI/NCSL Z5401
N.I.S.T. traceable certificate available. For information go to www.ptcmetrology.com
To order by phone, call toll free 1+ 877.782.2329 or email: sales@ptc1.com
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