

Stable, reliable & highly
repeatable measurements across
a wide temperature range –
with real-time logging!

Thermo Scientific Temp 360

Precision RTD Datalogging Thermometer



The Thermo Scientific Temp 360 is your choice for fast, reliable and highly-precise measurements across a wide temperature range. Log up to 2000 data points automatically at intervals from one second to 60 minutes, or manually at the touch of a button. Data transfer is a breeze – the meter comes with a USB output for advanced data handling with your computer.

Rugged and easy to use, the Temp 360 datalogger features a large backlit dual-line LCD, giving you clear, accurate readings, even in dark environments.

User-Friendly

- Easy calibration – choose one-point or two-point
- Minimum, maximum and differential temperature view at the press of a button
- Large, easy-to-read illuminated display

Versatile

- Exclusive three-way hands-free option* – hang the meter from a pipe or belt, stick the meter to a metallic surface, or simply stand the meter on a table surface

Sturdy Design

- IP54 splashproof with sealed keypad and ABS plastic housing
- Protective rubber armor ensures a firm grip and doubles up as a table-top stand

Markets

- Industrial and Automotive
- Manufacturing
- Chemicals
- Food & Beverage

* Kit sold separately

Thermo Scientific Temp 360 Precision RTD Datalogging Thermometer Specifications

Range	-201 °C to 1210 °C (-330 °F to 2210 °F)
Resolution	From -330.0 to -100 °C/°F : 0.1 °C/°F From -99.99 to 99.99 °C/°F : 0.01 °C/°F From 100.0 to 999.9 °C/°F : 0.1 °C/°F Above 1000 °C/°F : 1 °C/°F
Accuracy	From -330.0 to -100 °C/°F : ± 0.1 °C/ ± 0.2 °F From -99.99 to 99.99 °C/°F : ± 0.03 °C/ ± 0.06 °F From 100.0 to 999.9 °C/°F : ± 0.1 °C/ ± 0.2 °F Above 1000 °C/°F : ± 1 °C/ ± 2 °F
LCD	58 x 40 mm with backlight
Datalogging	2000 points
Logging Interval	One second to 60 minutes
Min/Max/AVG Reading	Yes
Auto Shut-Off	17.5 min (selectable)
Hold Function	Yes
Stability Indicator	Yes
Input	Single three-pin DIN connector
Power Requirements	3 'AA' 1.5 V alkaline; >750 hours (without backlight)
Storage	-40 °C to 65 °C (-40 °F to 149 °F) ; 10 % to 90 % (non-condensing)
Dimensions & Weight	175 x 97 x 42 mm (LxWxT), 267 g (without armor) ; 180 x 102 x 52 mm (LxWxT), 362 g (with armor)
Ingress Protection (With Probe Attached)	IEC-529 IP54 for dust and water-resistant enclosures
CE Compliance	EN61326-1/A1: 1998 (EU EMC Directive)

Ordering Guide

Order Code	Part Number	Description
Meter		
TSTEMP360	01X526504	Thermo Scientific Temp 360 RTD datalogger with rubber armor/stand (probe not included)
Accessory		
HNDSFRKIT	01X460701	Hands-free kit for Thermo Scientific thermometers (2 magnets and a strap)
Replacement Part		
ARMORTEMP	01X460601	Rubber armor/stand for Thermo Scientific thermometers
RTD Probes		
ECPT56L	93X375701	RTD Pt 100 probe. Shaft length: 200 mm; round-tip sensor: 3 mm diameter; -50 to 400 °C (for liquid measurement); cable length: 1.5 m
ECPT56C	93X375702	RTD Pt 100 probe. Shaft length: 200 mm; round-tip sensor: 5 mm diameter; -50 to 400 °C (for contact measurement); cable length: 1.5 m
ECPT56P	93X375703	RTD Pt 100 probe. Shaft length: 500 mm; penetration sharp sensor: 4 mm diameter; -50 to 400 °C (for semi-solid measurement); cable length: 1.5 m
ECPT56A	93X375704	RTD Pt 100 probe. Shaft length: 200 mm; sensor tip: 4 mm diameter; -50 to 250 °C (for air measurement); cable length: 1.5 m
ECPT56L 1/2 DIN	93X375705	RTD Pt 100 probe. Shaft length: 200 mm; round-tip sensor: 3 mm diameter; -50 to 400 °C; cable length: 1.5 m
ECPT56 TFE	93X375706	RTD Pt 100 probe. Shaft length: 100 mm; round-tip sensor: 4 mm diameter; -50 to 200 °C; cable length: 1.5 m
ECPT56/500	93X375707	RTD Pt 100 probe. Shaft length: 500 mm; round-tip sensor: 6 mm diameter; -50 to 400 °C; cable length: 1.5 m
ECPT56/1000	93X375708	RTD Pt 100 probe. Shaft length: 1000 mm; round-tip sensor: 6 mm diameter; -50 to 400 °C; cable length: 1.5 m
ECTEM6TEM01R	01X021814	3-wire RTD Pt 100 temperature probe

©2009 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. and its subsidiaries.

POR 08X233808 11/09 Rev 0

Water Analysis Instruments

North America

166 Cummings Center
Beverly, MA 01915 USA
Toll Free: 1-800-225-1480
Tel: 1-978-232-6000
Dom. Fax: 1-978-232-6015
Int'l Fax: 978-232-6031

Europe

P.O. Box 254, 3860 AG Nijkerk
Wallerstraat 125K, 3862 BN
Nijkerk, Netherlands
Tel: (31) 033-2463887
Fax: (31) 033-2460832

Asia Pacific

Blk 55, Ayer Rajah Crescent
#04-16/24, Singapore 139949
Tel: 65-6778-6876
Fax: 65-6773-0836

www.thermo.com/water

Thermo
SCIENTIFIC