

SPECIFICATIONS

Range: -58 to 572°F / -50 to 300°C

Resolution: 0.1° (-19.9 to 199.9)

1° (otherwise)

OPERATION

Remove the stainless steel probe from the protective sheath. Press the ON/OFF button to turn the unit on. Press the °F/°C button to switch between Fahrenheit and Celsius temperature.

Insert the probe into the material to be measured and read the display.

To conserve battery life, always turn the unit off when it is not in use. To turn the unit off, press the ON/OFF button.

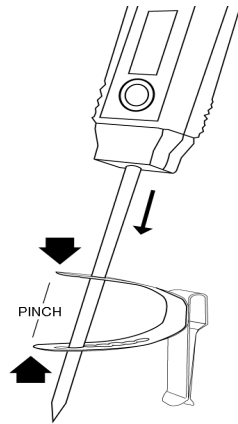
MAX/MIN MEMORY

To view the minimum and maximum temperature reached since turning the unit on, press the MAX/MIN button. "MIN" appears on the display to indicate the minimum temperature recorded. Press the MAX/MIN button a second time within 3 seconds to view the maximum temperature. "MAX" appears on the display to indicate the maximum temperature recorded.

Three seconds after pressing the MAX/MIN button, the display automatically returns to the current temperature ("MIN" or "MAX" no longer appears on the display). Once the unit is turned off, the MIN and MAX temperatures are cleared.

HOLDER

The metal holder allows the probe to be positioned at any height while attached to beakers, stainless steel cylinders, vats, etc.. Pinch the ends of the holder and place the stem of the thermometer into one of the 3 holes in the top portion of the holder and then through the bottom of the holder. The different holes allow the stem to be held at different angles. When the ends of the holder are released, the holder will expand to grab the stem of the thermometer securely. Use the clip to attach the holder to the side wall of a container. To remove the holder, pinch the ends of the holder and remove the stem of the thermometer.



ALL OPERATIONAL DIFFICULTIES

If this thermometer does not function properly for any reason, replace the battery with a new high quality battery (see "Battery Replacement" section). Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the battery with a new fresh battery will solve most difficulties.

BATTERY REPLACEMENT

Erratic readings, faint readings, or no display are all indications that the battery must be replaced. Open the battery cover by turning it 1/4 of a turn in the direction of the OPEN arrow (counter-clockwise). *(Be careful not to turn the*

cover more than 1/4 of a turn as this may damage the battery cover.) Remove the exhausted battery and replace with a new battery. Equivalent battery replacements are: Ray-O-Vac RW42, Duracell D357, and Everready 357. Make certain the positive (+) side is facing out. Replace the battery cover by lining up the tabs and turning the cover approximately 1/4 of a turn clockwise until the cover locks into place. *(Be careful not to turn the cover after it has locked into place as this may damage the battery cover.)*

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

CONTROL COMPANY

12554 Old Galveston Rd. Suite B230



Webster, Texas 77598 USA

Ph. 281 482-1714 • Fax 281 482-9448

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www.traceable.com

Control Company is ISO 9001:2008 Quality-Certified by DNV and ISO/IEC 17025:2005 accredited as a Calibration Laboratory by A2LA.

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**TRACEABLE®
WATERPROOF
FOOD
THERMOMETER
INSTRUCTIONS**



Calibration complies with ISO/IEC 17025, ANSI/NC SL Z540-1, and 9001



Cert. No.: 4040-1209600C

Traceable® Certificate of Calibration for Therm./Clock/Humidity Monitor

Manufactured for and distributed by : Traceable® Products 12554 Galveston Rd B230, Webster, TX 77598

Instrument Identification:

Model: 4040,90080-06

S/N: 210248494

Manufacturer: Control Company

Standards/Equipment:

Description	Serial Number	Due Date	NIST Traceable Reference
Non-Contact Frequency Counter	26.662025	21 Apr 2021	1000453894
Digital Thermometer	221197993	14 Oct 2021	4000-11621504
Chilled Mirror Hygrometer	44654/2H3737	25 Nov 2021	17811

Certificate Information:

Technician: 126

Procedure: CAL-17

Cal Date: 27 Mar 2021

Cal Due Date: 27 Mar 2023

Test Conditions: 57.75%RH 22.6°C 1012mBar

Calibration Data: (New Instrument)

Unit(s)	Nominal	As Found	In Tol	Nominal	As Left	In Tol	Min	Max	±U	TUR
%RH	N.A.	N.A.		41.63	41	Y	37	47	0.74	>4:1
°C	N.A.	N.A.		23.25	22.7	Y	22.2	24.2	0.076	>4:1
sec/24hr	N.A.	N.A.		0.000	0.133	Y	-8.64	8.64	0.041	>4:1

This certificate indicates Traceability to standards provided by (NIST) National Institute of Standards and Technology and/or a National Standards Laboratory.

A Test Uncertainty Ratio of at least 4:1 is maintained unless otherwise stated and is calculated using the expanded measurement uncertainty. Uncertainty evaluation includes the instrument under test and is calculated in accordance with the ISO "Guide to the Expression of Uncertainty in Measurement : (GUM). The uncertainty represents an expanded uncertainty using a coverage factor k=2 to approximate a 95% confidence level. In tolerance conditions are based on test results falling within specified limits with no reduction by the uncertainty of the measurement. The results contained herein relate only to the item calibrated. This certificate shall not be reproduced except in full, without written approval of Control Company.

Nominal=Standard's Reading; As Left=Instrument's Reading; In Tol=In Tolerance; Min/Max=Acceptance Range; ± U=Expanded Measurement Uncertainty; TUR=Test Uncertainty Ratio; Accuracy=±(Max-Min)/2, Min=As Left Nominal(Rounded) - Tolerance; Max= As Left Nominal(Rounded) + Tolerance;

Nicol Rodriguez

Nicol Rodriguez, Quality Manager

Marisa Elms

Marisa Elms, Technical Manager

Note :

Maintaining Accuracy:

In our opinion once calibrated your Therm./Clock/Humidity Monitor should maintain its accuracy. There is no exact way to determine how long calibration will be maintained. Therm./Clock/Humidity Monitor change little, if any at all, but can be affected by aging, temperature, shock, and contamination.

Recalibration:

For factory calibration and re-certification traceable to National Institute of Standards and Technology contact Control Company.

Issue Date : 27 Mar 2021

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Control Company is an ISO/IEC 17025:2017 Calibration Laboratory Accredited by (A2LA) American Association for Laboratory Accreditation, Certificate No. 1750.01.
Control Company is ISO 9001:2015 Quality Certified by DNV GL, Certificate No. CERT-01805-2006-AQ-HOU-ANAB.
International Laboratory Accreditation Cooperation - Multilateral Recognition Arrangement (ILAC-MRA).