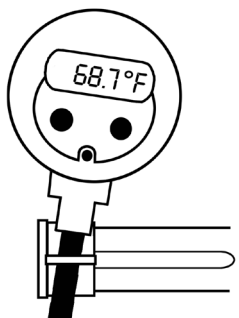
SPECIFICATIONS

Range: –50 to 300°C,
–58 to 572°F

Resolution: 0.1° from –20 to 200°,
1° outside this range

ULTRA™ THERMOMETER ACCURACY

Ultra™ thermometers are tested at selected test points to be within tighter than normal tolerances to assist in providing improved accuracy. Other points will not necessarily fall within accuracy as those found at selected test points, but will be within an accuracy of ±1.0°C.



Insert the probe into the "loop" on the cover. It makes a perfect holder.

FEATURES

- Waterproof and shockproof
- Stainless steel sensor probe
- Max/Min memory recall
- °F/°C selectable
- One second sampling rate
- Protective plastic sleeve with clip and holder
- Low battery indicator

OPERATION

Remove Lollipop™ thermometer from the protective sheath. Press ON/OFF button to activate. Press °F/°C button to switch between Fahrenheit and Celsius temperature. Insert probe into the material to be measured and read display.

MAX/MIN MEMORY

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

NOTE:

Three seconds after pressing the MAX/MIN button, the unit automatically returns to current sampling mode. Indicators “MIN” and “MAX” are no longer displayed. Turn the unit OFF to reset max/min to current temperature.

ALL OPERATIONAL DIFFICULTIES

If this thermometer does not function properly for any reason, please 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. Using a screwdriver, unscrew the three screws located on the battery cover on back of the unit. Remove the exhausted battery and replace with a new battery. Make certain the positive (+) side is facing you. Equivalent battery replacements are: RAYOVAC RW42, DURACELL D357, and EVEREADY 357. Replace the battery cover. Screw the three screws back into the unit. Do not over-tighten the screws as this may cause damage to the battery cover.

WARRANTY, SERVICE, OR RECALIBRATION

For warranty, service, or recalibration, contact:

TRACEABLE® PRODUCTS
12554 Old Galveston Rd. Suite B230
Webster, Texas 77598 USA
Ph. 281 482-1714 • Fax 281 482-9448
E-mail support@traceable.com • www.traceable.com

Traceable® Products are ISO 9001:2018 Quality-Certified by DNV and ISO/IEC 17025:2017 accredited as a Calibration Laboratory by A2LA.

 92-4371-00 Rev. 9 052120

TRACEABLE® LOLLIPOP™ WATERPROOF/ SHOCKPROOF THERMOMETER INSTRUCTIONS

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

A2LA Certificate No. 1750.01 Calibration

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, Quality Manager

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

CONTROL COMPANY 12554 Galveston RD Suite B230 Webster TX USA 77598
Phone 281 482-1714 Fax 281 482-9448 sales@control3.com www.traceable.com