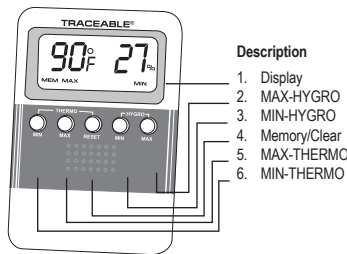


## SPECIFICATIONS

Display:	3/4" High LCD
Accuracy:	±1°C (0 to 40°C) otherwise ±2°C ±3%RH (25 to 75)%RH, ±5%RH otherwise
Resolution:	1°F or °C 1%RH
Temperature Range:	32 to 122°F (0 to 50°C)
Humidity Range:	25 to 95%RH
Memory:	Stores and recalls minimum/ maximum temperature and humidity readings. Display up-dated every second
Functions:	Temperature and relative humidity
Attachments:	Wall mount, bench stand
Size:	3 3/4" x 2 1/2" x 1/2"
Weight:	3 oz.

Figure 1:



## Change Temperature Reading to Fahrenheit (F°) or Celsius (C°)

1. Open BATTERY COMPARTMENT DOOR.
2. Locate switch in upper right corner of battery compartment.
3. Slide switch to left for Celsius (C°). Slide switch to right for Fahrenheit (F°).
4. Replace BATTERY COMPARTMENT DOOR.

## Thermometer Operation

1. Press the THERMO-MIN button once to recall the minimum temperature stored in the memory. "MIN" will appear on the display.
2. Press the THERMO-MIN button once again to display the current temperature. "MIN" will no longer appear on the display.
3. Press the THERMO-MAX button once to recall the maximum temperature stored in the memory. "MAX" will appear on the display.
4. Press the THERMO-MAX button once again to display the current temperature. "MAX" will no longer appear on the display.

## Reset the Thermometer Memory

1. Press the THERMO-MIN button once to recall the minimum temperature stored in the memory. "MIN" will appear on the display.
2. Press the MEMORY/CLEAR button once to reset the minimum temperature to the current temperature.
3. Press the THERMO-MIN button once again to display the current temperature. "MIN" will no longer appear on the display.
4. Press the THERMO-MAX button once to recall the maximum temperature stored in the memory. "MAX" will appear on the display.

5. Press the MEMORY/CLEAR button once to reset the maximum temperature to the current temperature.
6. Press the THERMO-MAX button once again to display the current temperature. "MAX" will no longer appear on the display.

## Hygrometer Operation

1. Press the HYGRO-MIN button once to recall minimum relative humidity stored in the memory. "MIN" will appear on the display.
2. Press the HYGRO-MIN button once again to return to the current relative humidity. "MIN" will no longer appear on the display.
3. Press the HYGRO-MAX button once to recall the maximum relative humidity stored in the memory. "MAX" will appear on the display.
4. Press the HYGRO-MAX button once again to return to current relative humidity. "MAX" will no longer appear on the display.

## Reset the Hygrometer Memory

1. Press the HYGRO-MIN button once to recall the minimum relative humidity stored in the memory. "MIN" will appear on the display.
2. Press the MEMORY/CLEAR button once to reset the minimum relative humidity to the current relative humidity.
3. Press the HYGRO-MIN button once again to display the current relative humidity. "MIN" will no longer appear on the display.
4. Press the HYGRO-MAX button once to recall maximum relative humidity stored in the memory. "MAX" will appear on the display.
5. Press the MEMORY/CLEAR button once to reset the maximum relative humidity to the current relative humidity.
6. Press the HYGRO-MAX button once again to display the current relative humidity. "MAX" will no longer appear on the display.

## DISPLAY MESSAGES

1. HH – Two Hs flashing indicate the relative humidity being measured is above the range of the unit.
2. LL – Two Ls flashing indicate the relative humidity being measured is below the range of the unit.
3. -- – Two dashes indicate the temperature, although still displayed, is out of the range of the unit.

## BENCH STAND

1. Bench stand is part of the BATTERY COMPARTMENT DOOR.
2. Locate the small rectangular opening at the bottom of the BATTERY COMPARTMENT DOOR.
3. Insert paper clip into opening and gently turn 1/8" in either direction. Stand will flip open.
4. To close, snap the stand closed.

#### **ALL OPERATIONAL DIFFICULTIES**

If this unit does not function properly for any reason, please replace the batteries with two new AAA alkaline batteries. (See "Battery Replacement" below.) Low battery power can occasionally cause any number of "apparent" operational difficulties. Replacing the batteries with fresh ones will solve most difficulties. Equivalent battery replacements are any AAA alkaline batteries. Replacement battery Cat. No. 1105.

#### **BATTERY REPLACEMENT**

1. To open battery compartment, slide BATTERY COMPARTMENT DOOR on the back of unit in direction of arrow.
2. Remove depleted batteries. Insert two fresh AAA alkaline batteries in appropriate positions to agree with the polarity symbols (+ and -) in the battery compartment.
3. Replace BATTERY COMPARTMENT DOOR.

#### **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](mailto:support@traceable.com)

[www.traceable.com](http://www.traceable.com)

Traceable® Products is ISO 9001:2015 Quality-Certified by DNV and ISO/IEC 17025:2005 accredited as a Calibration Laboratory by A2LA.

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**TRACEABLE®  
HUMIDITY/  
TEMPERATURE  
METER WITH  
DUAL MIN/MAX  
MEMORIES  
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

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

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).