

# Manufacturer's Certificate of Validation



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tempmate GmbH certifies that the products mentioned on the following page(s) have been thoroughly tested, validated and met performance accuracy specifications over the stated ranges.

## Reference Instrumentation

Model	Calibration Date	Accuracy	Serial Number	CNAS Certificate Number
XORTS-120A	June 23,2021	±0.01°C	160408-1	J202106107608A-0001
YH-80A	May 28,2021	±0.015°C	21031001	J202105249368A-0001
C4-180Pro	June 23,2021	±1%RH	54260019170010	J202106107608A-0002

All reference instruments are traceable calibrated by CNAS accredited laboratories.

# **Environment Conditions**

Air Temperature	25.5°C	Relative Humidity	53.0%RH	
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#### **Validation Information**

Validation Points	Tolerance	Result
+60°C	±0.3°C	PASS
+40°C	±0.3°C	PASS
+25°C	±0.3°C	PASS
0°C	±0.3°C	PASS
-5°C	±0.3°C	PASS
-25°C	±0.3°C	PASS

<b>Temp Accuracy</b>	±0.3°C
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Validation Points	Tolerance	Result
70%RH	±3%RH	PASS
60%RH	±3%RH	PASS
50%RH	±3%RH	PASS
40%RH	±3%RH	PASS
30%RH	±3%RH	PASS
20%RH	±3%RH	PASS

Hum Accuracy 20~80%RH(25°C: ±3%RH) Others ±5%RH

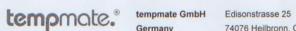
## **Product Information**

Product Name	Serial Number	Production Date
tempmate.®-M2TH	M2H211100088	11/2021

This certificate was automatically generated and is valid without signature for two years.

The calibration of the digital sensor is valid for 2 years from the date of production, considering the device is handled/stored under recommended conditions.

V05/2021



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