

Manufacturer's Certificate of Validation



Certificate No	Date	Page
VC211100088	November 02 , 2021	1 of 1

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
-----------------	--------	-------------------	---------

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

Temp Accuracy ±0.3°C

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

