

Manufacturer's Certificate of Validation

Certificate No	Date	Page
VC240100037	January 24,2024	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	May 22,2023	$\pm 0.01^{\circ}\text{C}$	160408-1	23RG918234940
YH-80A	May 22,2023	$\pm 0.015^{\circ}\text{C}$	21031001	23RG818180927

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	$\pm 0.5^{\circ}\text{C}$	PASS
+40°C	$\pm 0.3^{\circ}\text{C}$	PASS
+25°C	$\pm 0.3^{\circ}\text{C}$	PASS
0°C	$\pm 0.3^{\circ}\text{C}$	PASS
-5°C	$\pm 0.3^{\circ}\text{C}$	PASS
-25°C	$\pm 0.5^{\circ}\text{C}$	PASS

Temp Accuracy $\pm 0.3^{\circ}\text{C}$ (-20 to 40°C) $\pm 0.5^{\circ}\text{C}$ (Others)

Product Information

Product Name	Serial Number	Production Date
tempmate -M2T	M2T240100037	01/2024

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. V06/2022