

# 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	August 20,2020	±0.01°C	160408-1	H2020-3052842
ATL60	August 20,2020	±0.015°C	61080016	H2020-3052841
C4-180Pro	August 20,2020	±1%RH	54260019170010	H2020-3052843

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

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	Expiry Date	Quantity
tempmate®-S2TH	S2H21050001-01 - S2H21050001-20	05/2021	05/2023	20 pcs.

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

