MINSEN TESTING (HONG KONG) LIMITED
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HOKLAS 276 CAL

Certificate of Calibration

Calibration of thermometer
In-house method

Certificate No.: 20CA02120901 03A **Date of issue:** 11-Dec-2020 **Page:** 1 **of** 1

Item tested

Description *: High Accuracy Wifi Temperature & Humidity Data Logger Sensor

Manufacturer *: LASCAR Model/Type*: EL-WIFI-TH+

Equipment No.*: 988BAD20F1D8 Resolution *: 0.01°C

Location of the test

10/F Yick Fung Group Building, 2 Kin Wong Street, Tuen Mun, N.T., Hong Kong

Item submitted by

Customer *: Lascar Electronics (HK) Limited

Address. *: 8th Floor, China Aerospace Centre, 143 Hoi Bun Road, Kwun Tong.

Date of request: 08-Dec-2020

Date of Calibration:

10-Dec-2020

Apparatus used

Description:	Serial No. / Equip. No.:	Expire Date
Temp / Humidity Chamber	10710071/ MT-RF-022051	18-Apr-2022
Temp / Humidity Datalogger	AA-1804214/ MT-RF-020201	27-Apr-2021

Ambient conditions

Temperature: 22±2 °C

Test specifications

Calibration of thermometer at 15°C 23°C

Test results

Unit: °C

Calibration point	Correction to the UUT	Expanded uncertainty
15	-0.06	0.20
23	0.05	0.20

Remark:

1 Immersion Depth: Full

2 The expanded uncertainty is based on standard uncertainty multiplied by coverage factor k=2, providing a level of confidence of approximately 95%.

3 The temperature quoted refer to International Temperature Scale of 1990 (ITS-90).

4 The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.

5 * Denote information supplied by customer

6 The unit under test (UUT) was allowed to stabilized in the laboratory for 24 hours before commencement of calibration

-END-

Approved Signatory: Huang Jianmin

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HOKLAS 276 CAL

Certificate of Calibration

Calibration of Relative Humidity measurement device
In-house method

Certificate No.: 20CA02120901 03B **Date of issue:** 11-Dec-2020 **Page:** 1 **of** 1

Item tested

Description*:	Wifi Temperature & Humidity Data Logger Sensor		
Manufacturer*:	LASCAR	Model/Type *:	EL-WIFI-TH+
Equipment No.*:	988BAD20F1D8	Resolution*:	0.1%

Location of the test

10/F Yick Fung Group Building, 2 Kin Wong Street, Tuen Mun, N.T., Hong Kong

Item submitted by

Customer*:	Lascar Electronics (HK) Limited
Address*:	8th Floor, China Aerospace Centre, 143 Hoi Bun Road, Kwun Tong.
Date of request:	08-Dec-2020

Date of Calibration:

10-Dec-2020

Apparatus used

Description:	Serial No./ Equip. No.:	Expire Date
Temp / Humidity Chamber	10710071/ MT-RF-022051	18-Apr-2022
Temp / Humidity Datalogger	AA-1804214/ MT-RF-020201	27-Apr-2021

Ambient conditions

Temperature: 22±2 °C

Test specifications

Calibration of relative humidity measurement device at 40%, 75%.

Test results

Unit: %

Calibration point	Correction to the UUT	Expanded uncertainty
40	-0.9	3.0
75	-0.7	3.0

Temperature setting: 20 °C

Remark:

1 The expanded uncertainty is based on standard uncertainty multiplied by coverage factor k=2, providing a level of confidence of approximately 95%
2 The test conditions are the ambient temperature and relative humidity around the RH generator.
3 This method is only suitable for working standards.
4 The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.
5 * Denote information supplied by customer
6 The unit under test (UUT) was allowed to stabilized in the laboratory for 24 hours before commencement of calibration

-END-

Approved Signatory: Huang Jianmin