Nanjing Test Technology Co.,Ltd

Calibration Certificate

ilac-MRA CNAS

中国认可
国际互认
校准
CALIBRATION
CNAS L6394

Client	Elitech Technology , Inc.
Address	1551McCarthyBlvd, Suite112, Milpitas, CA 95035
Description	Temperature and Humidity Recorder
Model/Type	RCW-800WIFI
No. of instrument /	Asset No. /
Manufacturer	Elitech Technology , Inc.

Approved by	Yuhe Cao	Position	Chief Engineer
Approved Date	2020 Year 03 Month 24 Day	Cal. Date	2020 Year 03 Month 20 Day

(Stamp)

All datas are traceable to International System of Units(SI) and 《Requirements on the Metrological Traceability of Measurement Results》.

This laboratory has been assessed by ISO/IEC17025: 2005 《Accreditation Criteria for the Competence of Testing and Calibration Laboratories》.

In the measurement process, when the test conditions are AC, without special indication, refers to the 50Hz conditions.

The measurement results are only related to the current status of Unit; When the instrument is repaired or adjusted, it should be calibrated

The certificates must not be partially duplicated except with, prior written approval from the issuing laboratory.

Reference document JJF1059.1-2012 《Evaluation and Expression of Uncertainty in Mearsurement》

The part with " *" and non-calibration meters are not covered CNAS in this report.

For assure metrological characteristic of tester,

propose the calibration validity period: 12 Months

Receive Date: 2020Year03Month20Day

Tested by: Yu Zhang   Inspected by: Song Chen

Environmental condition during the calibration:

Temp : 22 ℃   R.H. : 55 %RH

Place of the calibration: TST Calibration Room No.2

Remarks:

Reference documents for this calibration

JJF(Su)99-2010 《Verification Regulation of Digital Thermo-hygrometers》

Main measurement standard(s) used during this calibration:

Name	Serial No.	Uncertainty or Accuracy Class or MPE.	Certificate No./Due Date	Traced by
dew-point instrument	43010823	dew-point : U=0.17℃(k=2) Temp. : U=0.03℃(k=2) Humidity: U=0.8%RH(k=2)	2JB20000535-0003A/2021-03-03	China Ceprei
Temperature Humidity Test Chamber	10712093	Temperature Fluctuation≤±0.2℃ Temperature Uniform≤±0.3℃ Humidity Fluctuation≤±0.8%RH(20℃) Humidity Uniform0≤±1.0%RH(20℃)	TR170023001/2021-01-07	Nanjing Test Technology Co.,Ltd

Results of calibration

1. Appearance: Normal;

2. Interaction: Normal;

3. Cal. Indication :

Items	Cal. Point(℃)	Reference(℃)	Indicated(℃)	Error(℃)	MPE(℃)	Uncertainty U(℃)(k=2)
Temp. Indication	−20	−19.98	−19.7	0.3	±0.5	0.5
	0	0.01	0.3	0.3	±0.5	0.5
	40	40.02	40.3	0.3	±0.5	0.5
Items	Cal. Point(%RH)	Reference(%RH)	Indicated(%RH)	Error(%RH)	MPE(%RH)	Uncertainty U(%RH)(k=2)
humidity Indication (Temp. 20℃)	40	40.1	38.9	−1.2	±5	2
	60	60.1	62.4	2.3	±5	2
	80	79.9	82.5	2.6	±5	2

No data below