



深圳中电计量测试技术有限公司

Shenzhen Zhongdian Metrology and Testing Technology Co., Ltd

# 校准证书

CALIBRATION CERTIFICATE



证书编号

Certificate No.

ZD202206180907

第 1 页, 共 3 页

Page of

委托方

Client

上海仰邦科技股份有限公司

委托方地址

Address

上海市徐汇区钦州北路1199号88幢7楼

仪器名称

Description

温湿度传感器

型号规格

Model/Type

BX-WS

制造厂

Manufacturer

上海仰邦科技股份有限公司

出厂编号

Serial No.

CGQ-2021125272

管理编号

Asset No.

/

样品接收日期

Date of Receipt

2022-06-18

校准日期

Date of Calibration

2022-06-18

批准人 :

Approved Signatory

王小云

审核 :

Inspected by

梁金学

校准 :

Tested by

梁金学



地址 : 广东省深圳市宝安区福永街道白石厦社区东区新开发区4栋301

Add : Room 301, Building 4, New Development Area, East Zone, Baishixia Community, Fuyong Sub-District, Bao'an District, Shenzhen, Guangdong, China

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## 校准说明

### DIRECTIONS OF CALIBRATION

证书编号: ZD202206180907

第 2 页, 共 3 页

Certificate No.

Page of

- 1.本实验室出具的数据均可溯源至国家计量基准。  
( All data issued by ZD Test are traced to National Primary Standards.)
- 2.本结果仅对当次被测样品有效, 如有疑问请在15个工作日反馈。  
( The results is ONLY valid for the tested sample,please feedback to us within 15 working days if you have any question.)
- 3.本证书编号具有唯一性, 若替换证书, 自发出后原证书即可作废。  
( Each certificate has a unique number.If replaced the certificate,the original certificate will be invalid once the new certificate number is issued.)
- 4.证书中如有最大允许误差、判定结果, 仅供参考, 其中“P”代表“Pass”, “F”代表“Fail”。  
( In the datasheet,MPE & determination is only for reference,"P"represents"Pass"and"F"represents"Fail".)
- 5.本次校准的技术依据及获认可的能力范围, 超出范围的内容未被认可。  
( Reference documents and Accredited Scopes for Calibration,Beyond the Scope has not been accredited.):

参照JJG ( 苏 ) 99-2010《数字温湿度计检定规程》

#### 6.本次校准使用的主要测量标准 ( Main Standards of Measurement Used in the Calibration.):

| 名称/型号<br>Description/Model | 编号<br>Serial No. | 证书号<br>Certificate No. | 有效期至<br>Due Date | 技术特征<br>Technique Character |
|----------------------------|------------------|------------------------|------------------|-----------------------------|
| 温湿度检定箱                     | 10708033         | 215709635              | 2022-07-19       | /                           |
| 精密露点仪                      | 071001           | 2206260051             | 2023-05-11       | /                           |

#### 7.校准地点、环境条件 ( Place and environmental conditions of the calibration)

|             |        |                   |         |                           |      |
|-------------|--------|-------------------|---------|---------------------------|------|
| 地点<br>Place | 本公司实验室 | 温度<br>Temperature | 22.4 °C | 相对湿度<br>Relative Humidity | 59 % |
|-------------|--------|-------------------|---------|---------------------------|------|

- 8.建议复校时间间隔 : 12 个月, 送检单位可根据实际情况自主决定。  
Suggested calibration interval is 12 month or it can be altered depending on the actual usage of the user.



## 校准结果

### Result of Calibration

证书编号: ZD202206180907

Certificate No.

第 3 页, 共 3 页

Page of

- 1、外观: 正常  
Appearance: Normal

- 2、相对湿度示值校准: (%RH)

Relative Humidity Indicating Value Calibration:

| 校准点<br>Calibrating Point | 修正值<br>Correction value | 允许值<br>Allowable value | 结论 Conclusion |
|--------------------------|-------------------------|------------------------|---------------|
|                          |                         |                        | (Pass/Fail)   |
| 40                       | +0.8                    | $\pm 3.0$              | P             |
| 60                       | +1.3                    | $\pm 3.0$              | P             |
| 80                       | +1.9                    | $\pm 3.0$              | P             |

- 3、温度示值校准: ( $^{\circ}\text{C}$ )

Temperature Indicating Value Calibration:

| 校准点<br>Calibrating Point | 修正值<br>Correction value | 允许值<br>Allowable value | 结论 Conclusion |
|--------------------------|-------------------------|------------------------|---------------|
|                          |                         |                        | (Pass/Fail)   |
| 10                       | +0.1                    | $\pm 0.5$              | P             |
| 20                       | +0.2                    | $\pm 0.5$              | P             |
| 30                       | +0.3                    | $\pm 0.5$              | P             |

备注:

Notes:

1.相对湿度示值误差为温度为 $20^{\circ}\text{C}$ 时测得

Relative humidity indication error was measured at  $20^{\circ}\text{C}$

2.本次测量结果扩展不确定度:

(Expanded uncertainty of the measurement results):

相对湿度:  $U=2.2\%\text{RH}, k=2$       温度:  $U=0.7^{\circ}\text{C}, k=2$

Relative Humidity:

Temperature:

3.依据(Reference document)

JJF 1059.1-2012 测量不确定度评定与表示

(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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