



校准证书

CALIBRATION CERTIFICATE

证书编号: 1GA20009541-0001

Certificate No. 



中国认可
国际互认
校准
CALIBRATION
CNAS L13344

委托单位: _____
Client

委托方地址: _____
Address

仪器名称: Dustproof Testing Machine
Description

型号规格: SC-020
Model/Type

制造商: Lisun Electronics Inc
Manufacturer

机身号: SOLS20200226
Serial No.

接收日期: 2020-09-15 校准日期: 2020-09-15
Rec. Date Cal. Date


签发日期: 2020-09-22 建议校准周期: 12个月(12 months)
App. Date Reference Cal. Period

结论: 所校准项目合格(Passed at Calibration Items)
Conclusion

校准: 张兴思超
Calibrated by

核验: 赖文彬
Inspected by

签发: 江伟雄
Approved by

印章: 
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说 明

DIRECTIONS

1. 本机构质量管理体系符合ISO/IEC 17025:2017标准的要求, 获得中国合格评定国家认可委员会 (CNAS) 认可, 认可证书号为: CNAS L13344。

This laboratory quality management system meets the ISO/IEC 17025:2017 and is accredited by the China National Accreditation Service for Conformity Assessment, No. CNAS L13344.

2. 本次校准的技术依据及CNAS认可范围(Reference documents and CNAS accredited scopes):

▪ JJF(军工)18-2012 沙尘试验设备校准规范: Temperature:(0~100)°C; Humidity:5%RH~100%RH; Wind speed:(0.2~20)m/s; Dust and sand concentration:0.28g/m³, 1.1g/m³, 2.2g/m³, 10.6g/m³; Dust and sand sedimentation rate:(6±1)g/(m².d)

* 详细内容请查看CNAS网站中注册编号为L13344的证书附件, 超出范围的内容未被认可。(Please see the attachment of certificate No. L13344 at CNAS website for details, beyond which is not accredited).

3. 本次校准所使用的主要测量标准(The main measurement standards used during the calibration):

名称 (Description)	证书号/有效期/溯源单位 (Certificate No./Due Date/Traceability to)	技术指标 (Specification)	测量范围 (Measuring Range)
微型电子天平	4GC20000117-0016/2021-04-21/赛宝	III级	0-500g
温度校准仪	4GC20000253-0005/2021-06-21/赛宝	TC: ±0.3°C RTD: ±0.1°C	TC: -200°C~1750°C RTD: -200°C~750°C
热电偶	4GC20000180-0008/2021-05-24/赛宝	I级	(0~1200) °C

4. 校准地点(The calibration place):

EMC Technologies Pty Ltd

5. 环境条件(Environmental conditions):

温度(Temperature): 24°C 相对湿度(Relative Humidity): 57%

6. 本证书中给出的扩展不确定度依据JJF1059.1-2012《测量不确定度的评定与表示》评定, 由合成标准不确定度乘以包含概率约为95%时对应的包含因子 k 得到。

The extended uncertainty given in this certificate is evaluated according to JJF1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement", and is calculated by multiplying the combined standard uncertainty by the coverage factor k which corresponding to the coverage probability about 95%.

7. 证书中"P"、"合格"代表"测量结果在允许范围内", "F"、"不合格"代表"测量结果不在允许范围内", "N/A"代表"不适用"。本证书报告的判定规则和结论仅供参考, 使用人员应结合实际测量的要求合理使用, 如考虑测量结果测量不确定度的影响等。

"P" and "Pass" in this certificate stand for "Low Limit ≤ the measured value ≤ High Limit", "F" and "Fail" stand for "the measured value < Low Limit or the measured value > High Limit", "N/A" stands for "Not Applicable". The judgment rules and conclusions of this certificate are for reference only. Users should use them reasonably according to the actual measurement requirements, such as considering the impact of measurement uncertainty, etc.

8. 建议校准周期是本实验室依据本证书报告的技术依据和仪器设备常规使用条件给出的建议, 供委托方参考。委托方可以根据实际使用情况自行决定样品的建议校准周期。

The reference calibration period is based on the reference documents and normal operating conditions of the calibrated instrument. It is only for reference. The client may decide the calibration period of the instrument according to the actual use.

注: 1. 本证书未经本机构书面授权, 不得部分复制。(The certificate shall not be partly reproduced without written approval of the laboratory.)

2. 本次校准结果仅与被校物有关。(The results are only related to the items calibrated.)

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1 外观与工作正常性检查 (Appearance and Function Check)

无影响证书中校准结果准确度的因素和缺陷。

There are no factor and defect that affect the calibration result accuracy of the certificate.

2 温度测量(Temperature Measurement)

测量点 (No.)	设定值 (Setting) (°C)	实测值 (Actual) (°C)	指示值 (Indicated) (°C)	允许范围 (Limit) (°C)	结论 (Pass/Fail)	U ($k=2$) (°C)
60	60.0	58.9	59.0	58 ~ 62	P	0.5

3 砂尘沉降速率测量(Dust settling rate Measurement):

标称值 (Nominal) (g/m ² .d)	实测值 (Actual) (g/m ² .d)	偏差 (Deviation) (g/m ² .d)	允许偏差 (Limit) (g/m ³)	结论 (Pass/Fail)	U_{rel} ($k=2$) (%)
6.0	6.32	0.32	±1	P	5

4 尺寸检查 (Size Check)

	标称值 (Nominal) (mm)	实测值 (Actual) (mm)
长	2000	2000.5
宽	1000	1000.2
高	1000	999.2

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