

校准证书  
CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J202509162490B-0001

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of

委托方

Client

PT. PROLAB SERTIFIKASI INDONESIA

联络信息

Contact Inf.

Jl. Mohamad Toha Km 5,3 No. 22, Ds. Pesawahan, Kel.  
Dayeuhkolot, Kab. Bandung, West Java - Indonesia - 40256

仪器名称

Description

灯头温升试验箱 | 防风罩 Lamp Cap Temperature Rise Test System

型号/规格

Model/Type

TMP-L

制造厂

Manufacturer

Lisungroup

出厂编号

Serial No.

SOLS20250487

管理号

Asset No.

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接收日期

Receipt Date

2025年09月29日

校准日期

Cal. Date

2025年09月29日

Y M D

发布日期

Issued Date

2025年09月29日

Y M D

批准

Approved by

赖志文

赖志文

审核

Inspected by

伍水生

伍水生

校准

Calibrated by

苏志毅

苏志毅

证书专用章

(Stamp)

总部地址(Headquarters Add.): 广东省广州市番禺区创运路8号

No.8.Chuangyun Rd,Panyu District,Guangzhou,Guangdong,China

实验室地址(Add.of the Lab): 广东省广州市番禺区创运路8号

No.8 Chuangyun Rd,Panyu District,Guangzhou,Guangdong,China

联系电话(Tel.):400-602-0999

邮政编码(Postcode):511450

网站(Website):http:// www.grgtest.com

电子邮件(E-mail):grgtest@grgtest.com



扫一扫验真伪

校验码: 247844

## 校准说明 DIRECTIONS OF CALIBRATION

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- 1.本实验室的质量管理体系符合ISO/IEC 17025:2017标准的要求,校准结果均可溯源至国际单位制(SI)单位。  
(The quality system is in accordance with ISO/IEC 17025:2017,the calibration results are traceable to the International System of Units (SI).)
- 2.本结果仅对本次校准样品有效。未经实验室批准,不得部分复制。如有疑问请在15个工作日内反馈。  
(The result is only valid for the calibrated sample.The certificate shall not be reproduced except in full,without the written approval of our laboratory .please feedback to us within 15 days if you have any question.)
- 3.本证书编号具有唯一性,后缀若带有“-Gx”的证书为替换证书,自发出后原证书即刻作废,修改后的证书以客户端内容为准。(Each certificate has a unique number. The suffix of "-Gx" will be added to the number as a replacement of the old version. The original certificate will be officially invalid once the new certificate number is issued.The modified certificate shall be based on the client content.)
- 4.证书中最大允许误差、判定结果仅供参考,其中“P”代表“合格”,“F”代表“不合格”,“N/A”代表“不适用”。使用人员应结合实际测量需求,评估测量不确定度对符合性评定的影响。(MPE & judgement result in the datasheet is only for reference , "P" is "Pass" , "F" is "Fail" and "N/A" is "Not Applicable".Whereas users should evaluate the effects of MU of calibration results on conformance assessment by actual measurement.)
- 5.校准地点、环境条件(Place and environmental conditions of the calibration):  
地点: 客户1楼车间Customer 1st Floor workshop  
Place  
温度: 27℃ 相对湿度: 59%  
Temperature Relative Humidity
- 6.建议复校时间间隔: 1年,送校单位也可按实际使用情况自主决定。  
Suggested calibration interval is 1 year or it can be altered depending on the actual usage of the user.
- 7.本次校准的技术依据。(Reference document for calibration.)

参照客户要求 (According to customer requirements)

校准说明  
DIRECTIONS OF CALIBRATION

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

| 名称                          | 编 号        | 证书号/有效期                              | 溯源机构                           | 技术特征                                             |
|-----------------------------|------------|--------------------------------------|--------------------------------|--------------------------------------------------|
| Description                 | Serial No. | Certificate No./<br>Due Date         | Traceability<br>Institute      | Technique Character                              |
| 数显卡尺<br>Digital Caliper     | 2211182558 | J202504070283-<br>0005<br>2026-04-20 | 广电计量检测集<br>团/GRGTEST           | MPE: $\pm(0.02\sim0.04)\text{mm}$                |
| 卷尺<br>tape measure          | 870684     | J202506053115-<br>0014<br>2026-06-20 | 广电计量检测集<br>团股份有限公司<br>/GRGTEST | I级                                               |
| 钢直尺<br>Steel Rule           | 自编006      | J202508053152-<br>0009<br>2026-08-14 | 广电计量检测集<br>团股份有限公司<br>/GRGTEST | MPE: $\pm(0.08\sim0.20)\text{mm}$                |
| 小米温湿度计<br>Millet hygrometer | 963812     | J202508146308-<br>0073<br>2026-08-30 | 广电计量检测集<br>团股份有限公司<br>/GRGTEST | 精度: $\pm2.0^{\circ}\text{C}$ ; $\pm5\%\text{RH}$ |

9. 计量溯源性声明(Measurement traceability declaration.):

数显卡尺/Digital Caliper(2211182558)→卡尺量块(12块)/Caliper Gauge Blocks(66057)→卡尺量块/Caliper measuring block(88630)→一等量块标准装置/1 Grade Gauge Block Standard Device (中国测试技术研究院/NIMTT);  
卷尺/tape measure(870684)→标准钢卷尺/Standard Steel Tape(180036)→激光干涉仪系统 Laser Interferometer System (广东省计量科学研究院/SCM);  
钢直尺/Steel Rule(自编006)→三等金属线纹尺/Third Class Standard Metal Line Ruler(S532)→激光干涉仪 Laser Interferometer(广东省计量科学研究院/SCM);  
小米温湿度计/Millet hygrometer(963812)→温湿度检定箱/Temperature and humidity verification box(CF1111000107)→无线多通道温湿度采集系统/Temperature and humidity acquisition system(97611)→冷镜式露点仪/Chilled mirror dew point meter(001F19)→精密露点仪标准装置 (中国计量科学研究院 /NIM);

校 准 结 果  
RESULTS OF CALIBRATION

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1、外观以及一般性检查： 符合要求

In view of External and Generality check :

2、Calibration of main parameters

Calibration item :

| 项目                             | 标称值           | 实测值      | 不确定度 $U(k=2)$ |
|--------------------------------|---------------|----------|---------------|
| Item                           | Nominal Value | Measured | Uncertainty   |
| Int length (mm)                | 3000          | 3001     | 2             |
| Int width (mm)                 | 3000          | 3001     | 2             |
| Int height (mm)                | 2000          | 2001     | 2             |
| Ext length (mm)                | 3300          | 3302     | 2             |
| Ext width (mm)                 | 3300          | 3301     | 2             |
| Ext height (mm)                | 2150          | 2151     | 2             |
| Net pore diameter (mm)         | 2             | 1.97     | 0.05          |
| Space between Ext and Int (mm) | 150           | 150.0    | 0.8           |

| 项目                           | 技术要求                       | 实测值      |
|------------------------------|----------------------------|----------|
| Item                         | The technical requirements | Measured |
| Area ratio of riser vent (%) | >40%                       | 42%      |

备注：

Notes:

结论(Conclusion): 按校准结果使用

1.本报告中的扩展不确定度是由标准不确定度乘以包含概率约为95%时的包含因子 $k$ 。

The expanded uncertainty is given in the report by the standard uncertainty multiplied by the probability of about 95% when the factor  $k$ .

2.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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