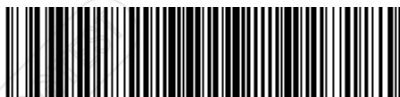


校准证书
CALIBRATION CERTIFICATE

证书编号:

Certificate No.



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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

多路温度巡检仪

型号/规格

Model/Type

TMP-18

制造厂

Manufacturer

LISUN GROUP

出厂编号

Serial No.

T112305M

管理号

Asset No.

接收日期

Receipt Date

2025年09月22日

校准日期

Cal. Date

2025年09月28日

Y M D

发布日期

Issued Date

2025年09月28日

Y M D

批准

Approved by

周焰华

周焰华

审核

Inspected by

莫丽娟

莫丽娟

校准

Calibrated by

吕泳能

吕泳能

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

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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: 468916

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: 广州计量中温室
Place Guangzhou Metrology Medium Temperature Room
温度: 24.3℃ 相对湿度: 62.3%
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及CNAS认可范围,超出范围的内容未被认可。详细认可范围请查看CNAS网站证书附件。(Reference document and accredited scope by CNAS for calibration, beyond which isn't accredited. Please see the attachment of certificate on CNAS website for details.)
- JJF 1171-2024 温湿度巡回检测仪校准规范 (C. S. for Temperature and Humidity Itinerant Detecting Instruments) 温度: (-80~1100)℃ 湿度: (5~95)%RH

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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./ Due Date	Traceability Institute	Technique Character
二等标准铂电阻温度计 Second class standard platinum resistance thermometer	210387	J202501102013- 0001 2027-01-15	广电计量检测集 团股份有限公司 /GRGTEST	二等
高精度测温仪	C1A466	J202411051689- 0007 2025-11-18	广电计量检测集 团股份有限公司 /GRGTEST	0.005级

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

二等标准铂电阻温度计/Second class standard platinum resistance thermometer(210387)→一等标准铂电阻温度计/First class standard platinum resistance thermometer(181411)→铂电阻温度计工作基准装置(中国计量科学研究院/NIM);
高精度测温仪(C1A466)→数字多用表/Digital multimeter(456175079)→数字多用表/Digital multimeter(498876915)→标准电阻器(北京东方计量测试研究所/CASC);

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1. 外观: 符合要求
Appearance: Pass
2. 各部分互相作用: 正常
Interreation: Normal
3. 温度示值校准: (单位: °C) 信号类型: K
Temperature display calibration: Signal type:

通道 Channel	校准点 Calibrating Point	误差 Error	不确定度 $U(k=2)$
CH1	40	-0.2	0.2
	100	+0.3	0.2
	150	+1.0	0.2
	200	+0.8	0.2
CH2	40	-0.2	0.2
	100	+0.3	0.2
	150	+1.0	0.2
	200	+0.6	0.2
CH3	40	-0.2	0.2
	100	+0.3	0.2
	150	+1.1	0.2
	200	+0.9	0.2
CH4	40	-0.2	0.2
	100	+0.3	0.2
	150	+0.9	0.2
	200	+0.8	0.2
CH5	40	-0.2	0.2
	100	+0.3	0.2
	150	+1.0	0.2
	200	+0.9	0.2
CH6	40	-0.3	0.2
	100	+0.3	0.2
	150	+1.0	0.2
	200	+0.7	0.2
CH7	40	-0.2	0.2
	100	+0.2	0.2
	150	+1.0	0.2
	200	+0.7	0.2

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通道 Channel	校准点 Calibrating Point	误差 Error	不确定度 $U(k=2)$
CH8	40	-0.2	0.2
	100	+0.3	0.2
	150	+1.0	0.2
	200	+0.7	0.2

4. 温度示值一致性: (单位: °C)

Temperature indication consistency:

校准点 Cal.Point	示值一致性 Indication consistency
40	0.1
100	0.1
150	0.2
200	0.3

备注:

Notes:

1. 校准结论: 按校准结果使用

Conclusion: Reference the calibration results.

2. 本报告给出的扩展不确定度是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 得到的。

The extended uncertainty given in the report is obtained by multiplying the combined standard uncertainty by the coverage factor k corresponding to the inclusion probability of about 95%.

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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