



校准证书

CALIBRATION CERTIFICATE



扫一扫验真伪

2GB25072819621-0002

校验码:A250C698

证书编号:

Certificate No.

委托方:

Client

Saudi Standards, Metrology and Quality Organization (SASO)

委托方地址:

Address

Riyadh - Al Muhammadiyah, P.O. Box 3437, Riyadh 11471, Kingdom of Saudi Arabia

仪器/样品名称:

Description

灯具调节试验装置

Lamp Adjustment Test Device

型号/规格:

Model/Type

DJTJ-1

制造厂商:

Manufacturer

LISUN GROUP

出厂编号:

Serial No.

LS2508050958

管理号:

Asset No.

样品接收日期:

Date of Receipt

2025-08-05

Y M D

结果:

Conclusion

按实测结果使用,见报告内页(Use according to the measured results, See the page of the report)

校准日期:

Date of Calibration

2025-08-05

Y M D

校准:

Calibration by

郭亲

郭亲

审核:

Inspected by

潘玉全

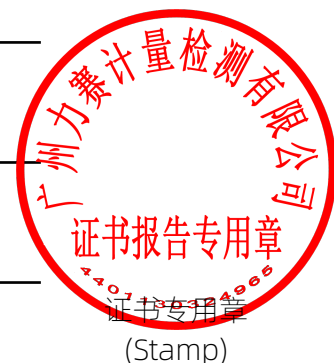
潘玉全

授权签字人:

Approved Signatory

方文潮

方文潮



本实验室地址: 广东省广州市番禺区石碁镇农科所南街8号

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我司电子证书具备网站/微信公众号查验(二维码扫码查验)、校验码、电子签章(查验内容是否修改且一致)三重防伪验证。



校准说明

DIRECTIONS OF CALIBRATION

证书编号:
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本实验室质量管理体系符合ISO/IEC17025标准要求。

The quality system is in accordance with ISO/IEC17025.

1. 本实验室出具的数据均可溯源至国际单位制(SI)。

All data issued by this laboratory are traceable to International System of Units(SI)

2. 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" represents "Pass" and "F" represents "Fail" and "N/A" represents "Not Applicable".Where as users should evaluate the effects of MU of calibration results on conformance assessment by actual measurement.

3. 本证书编号具有唯一性,后缀若带有"A~Z"的证书为替换证书,自发出后原证书即刻作废。

Each certificate has a unique number,The suffix of "A~Z" 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.

4. 校准地点、环境条件。(Place and environmental condition of the Calibration).

客户现场(1102试验室)

温度(Temperature): 23℃ 相对湿度 (Relative Humidity): 65 %

5. 未加盖“证书报告专用章”无效,报告无校准或检测、审核、授权签字人签章无效。

The report is invalid without the official stamp, report is invalid without 'report stamp', The report is invalid without the signatures of Approval and Reviewer.

6. 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网站中注

册编号为L7127的证书附件。(Reference documents and accredited scope by CNAS for the Calibration beyond which isn't accredited. Please see the attachment of certificate No.L7127 on CNAS website for details.)

JJG 238-2018 时间间隔测量仪检定规程 Verification Regulation of Time Interval Meters

JJF(新)68-2021 一维、二维几何尺寸测量校准规范 Calibration specification for one-dimensional and two-dimensional geometric dimension measurement

7. 计量溯源性声明:Measurement traceability declaration:

被校器具 (Description): 灯具调节试验装置(Lamp Adjustment Test Device); 被校器具 (Description) → 电子秒表 → 秒表检定仪/石英钟表测试仪 → 函数信号发生器(Function Signal Generator) → 华南国家计量测试中心(South China National Center of Metrology); 被校器具 (Description) → 倾角仪 → 标准量块(Standard gauge block) → 广船国际有限公司计量检测中心(Guangzhou Shipbuilding International Co., Ltd. Measurement and Testing Center)



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8. 本次校准使用的主要计量标准器具。(Main standards of measurement used in the Calibration).

名称/型号 Equipment/Model	出厂编号 Serial No.	证书号/有效期 Certificate No./ Due Date	溯源机构 Traceability Institute	技术特征 Technique Character
电子秒表/ZSD-009	/	3GC250102161689- 15340 / 2026-01-05	广州力赛计量检测有限公司 (Guangzhou LiSai Metrology & Test Co., Ltd.)	日差: $U=0.05s/d, k=2$; 时间间隔: $U=0.02s$, $k=2$
倾角仪/PT181	25498891	3GC25060919987-1 7514 / 2026-06-10	广州力赛计量检测有限公司 (Guangzhou LiSai Metrology & Test Co., Ltd.)	$U=0.02^{\circ}$, $k=2$

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1、外观以及一般性检查:

正常

In view of External and Generality check :

Pass

2、试验角校准(Test angle calibration) :

标称值	实测值	误差	U
Nominal	Measured	Error	($k=2$)
(°)	(°)	(°)	(°)
15.0	14.90	0.10	0.1
30.0	30.01	-0.01	0.1
45.0	45.07	-0.07	0.1
60.0	60.12	-0.12	0.1
75.0	75.07	-0.07	0.1
90.0	89.91	0.09	0.1
180.0	180.03	-0.03	0.1
270.0	269.84	0.16	0.1
350.0	350.03	-0.03	0.1

3、计数校准 (Counting calibration) :

设定值	实测值	误差	U
Set	Measured	Error	($k=2$)
(次)	(次)	(次)	(s)
2	2	0	0.3
5	5	0	0.3
8	8	0	0.3
10	10	0	0.3
12	12	0	0.3



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4、速率校准 (Rate calibration) :

设定值	实测值	误差	U
Set	Measured	Error	($k=2$)
(次/min)	(次/min)	(次/min)	(s)
2	2	0	0.3
5	5	0	0.3
8	8	0	0.3
10	10	0	0.3
12	12	0	0.3

5、时间校准 (Time calibration) :

标称值	实测值	误差	U
Nominal	Measured	Error	($k=2$)
(s)	(s)	(s)	(s)
60	60.1	-0.1	0.3
120	120.1	-0.1	0.3
300	300.2	-0.2	0.3
600	600.2	-0.2	0.3

注: 按客户要求点校准。

Note: Calibrate as per the customer's requirements.

附: 关于测量结果不确定度的说明:

appendix: Directions of uncertainty in the calibration

1.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)

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 expanded uncertainty given in this report is obtained by multiplying the combined standard uncertainty by the corresponding coverage factor k when the coverage probability of about 95%.

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