



校准证书

Calibration Certificate



证书编号: 24SJ130709-3588

Cer. No.

委托单位:

Customer

浙江捷宸仪器设备有限公司

委托单位地址:

Customer Addr.

浙江省绍兴市越城区东浦街道群贤路
群贤198文创园16#综合楼A4-02 (东浦工业园区B-4号地块综合楼)

仪器名称:

Description

行星球磨机

型号规格:

Model/Type

QM-3SP系列

制造厂商:

Manufacturer

浙江捷宸仪器设备有限公司

机身编号:

Serial No.

20241002000248

管理编号:

Asset No.

/

接收日期:

Acce.Date

2024-10-20

校准日期:

Cal.Date

2024-10-21

校准人:

Calibrated by

王源茂

签发日期:

App.Date

2024-10-21

核验人:

Inspected by

郭静

签发人:

Approved by

余帆

印章:

Chop



校准说明

Direction of Calibration



证书编号: 24SJ130709-3588
Cer.No.

- 本实验室能力符合ISO/IEC 17025:2017《检测和校准实验室能力的通用要求》。**
The Capability of Our Lab conforms to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Lab.
- 本实验室所出具的数据均可溯源到国家计量基准和国际单位值(SI)。**
All data issued by this laboratory are traceable to national primary standards and international System of Units(SI).
- 证书未经本实验室书面授权, 不得部分复制。**
The certificates must not be partially duplicated except with prior written approval from the issuing laboratory.
- 本次校准结果仅与被校件有关。**
The calibration results are only related to the Unit Under Test.
- 证书内页中"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"。**
"P" and "Pass" in this certificate stand for "Low Limit \leq the measured value \leq High Limit", "F" and "Fail" Stand for "the measured value <Low Limit or the measured value>High Limit", "N/A" stand for "Not Applicable".
- 环境条件 (Environmental condition):**
温度 (Temperature): 26 (°C) 相对湿度 (Relative Humidity): 55 (%)
- 校准地点 (Palace of the calibration):** 朗博试验室
- 本次校准的技术依据 (Reference documents for the calibration):**
参照 JJG 105-2019 转速表检定规程

9. 本项目CNAS认可能力范围及备注 (CNAS accredited scopes and moments)。 (详细认可范围请查看CNAS网站中注册号为L4465的证书附件(Please see the attachment of certificate No.L4465 at CNAS website)).

10. 本次校准所使用的主要测量标准(Main measurement Standards used during the calibration):

标准器名称 (Description)	出厂编号 (Serial No.)	证书编号 (Certificate No.)	有效期至 (Due Date)	溯源单位 (Traceability to)	技术指标 (Specification)
转速表标准装置	HR851021	10ZJ230-45813	2025-5-9	朗博实验室	转速: $\pm 0.01\%$

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

建议校准周期 (Proposed Cal.Period) : 1年/Year



校准结果 (Calibration Results) :

- 1、外观及功能检查 (Appearance and Function Check): 符合要求
2、转速示值误差 (Revolution Speed Indication Error)

标准值 (Reference) (r/min)	示值 (Indication) (r/min)	误差 (Error) (r/min)	允许误差 (Limit) (r/min)	结论 (Pass/Fail)	扩展不确定度 $U_{rel}(k=2)$ (%)
90	89.901	-0.099	± 5	P	0.3
100	99.89	-0.11	± 10	P	0.3
200	199.78	-0.22	± 50	P	0.3
300	299.67	-0.33	± 50	P	0.3
500	499.45	-0.55	± 50	P	0.3
600	599.34	-0.66	± 50	P	0.3
700	699.23	-0.77	± 50	P	0.3
870	869.043	-0.957	± 50	P	0.3

附 (Appendix):

关于测量结果不确定度的说明

Directions of measurement uncertainty in the calibration

1、依据: JJF 1059.1-2012 测量不确定度评定与表示

Reference document: JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement

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