



# 深圳中计电计量测试技术有限公司

Shenzhen Zhongjidian Metrology and Testing Technology Co., Ltd.

## 校准证书

CALIBRATION CERTIFICATE



第 1 页 共 3 页  
Page of

证书编号

Certificate No.

ZD202506240618

委托方

Client

苏州欧路达智能科技有限公司

委托方地址

Address

苏州新区华枫路288号三楼

仪器名称

Description

传感器

型号规格

Model/Type

AT

制造厂

Manufacturer

苏州欧路达智能科技有限公司

出厂编号

Serial No.

20250624002

管理编号

Asset No.

/

样品接收日期

Date of Receipt

2025-06-23

校准日期

Date of Calibration

2025-06-24

批准人 :

Approved Signatory

审核 :

Inspected by

校准 :

Tested by



地址 : 广东省深圳市宝安区福永街道白石厦社区东区新开发区4栋203

Add : Room 203, Building 4, New Development Area, East Zone, Baishixia Community, Fuyong Sub-District, Bao'an District, Shenzhen, Guangdong, China

电话 ( Tel ) : 0755-29888158

邮政编码 ( Post Code ) : 518103

传真 ( Fax ) : 0755-29796107



# 校准说明

## DIRECTIONS OF CALIBRATION

证书编号： ZD202506240618

第 2 页，共 3 页

Certificate No.

Page of

- 1.本实验室出具的数据均可溯源至国家计量基准。  
( All data issued by ZD Test are traced to National Primary Standards.)
- 2.本结果仅对当次被测样品有效，如有疑问请在15个工作日反馈。  
( The results is ONLY valid for the tested sample,please feedback to us within 15 working days if you have any question.)
- 3.本证书编号具有唯一性，若替换证书，自发出后原证书即可作废。  
( Each certificate has a unique number.If replaced the certificate,the original certificate will be invalid once the new certificate number is issued.)
- 4.证书中如有最大允许误差、判定结果，仅供参考，其中“P”代表“Pass”，“F”代表“Fail”。  
( In the datasheet,MPE & determination is only for reference,"P"represents"Pass"and"F"represents"Fail".)
- 5.本次校准的技术依据及获认可的能力范围，超出范围的内容未被认可。  
( Reference documents and Accredited Scopes for Calibration,Beyond the Scope has not been accredited.):

参照JJG 539-2016《数字指示秤检定规程》《Verification Regulation for Digital Indicating Weighing Instruments》

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

名称/型号 Description/Model	编号 Serial No.	证书号 Certificate No.	有效期至 Due Date	技术特征 Technique Character
F1砝码	ZD-D069	240706026	2025-08-18	$U=0.0016g(1kg), U=0.003g(2kg), U=0.008g(5kg), k=2$
M2等级砝码	ZD-L046	JL2402801209	2025-07-16	M2级
M2等级砝码	ZD-L047	246107025	2025-08-18	M2级合格, $\pm 3.8g, U=1.2g, k=2$

- 7.校准地点、环境条件 ( Place and environmental conditions of the calibration)

地点 Place	委托方现场	温度 Temperature	23.2 °C	相对湿度 Relative Humidity	52 %
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- 8.建议复校时间间隔：  
Suggested calibration interval is

12 个月，送检单位可根据实际情况自主决定。

12 month or it can be altered depending on the actual usage of the user.



# 校准结果

## Result of Calibration

证书编号: ZD202506240618

Certificate No.

第 3 页, 共 3 页

Page of

1、外观以及一般性检查: 正常

In view of External and Generality check: Normal

2、最大秤量(Max): 150 kg 最小秤量(Min): 5 kg

Maximum weighting: Minimum weighting:

3、实际分度值(d): 0.05 kg 检定分度值(e): 0.5 kg

Actual scale: Calibration scale:

4、示值误差校准: Calibration of the indication error:

载荷 (kg) Weighting	测量误差 (kg) Error	允许误差 (kg) MPE	结论(Pass/Fail) Conclusion
5	0.00	± 0.25	P
10	0.00	± 0.25	P
25	+0.05	± 0.25	P
50	0.00	± 0.50	P
100	+0.05	± 0.50	P
150	+0.10	± 0.75	P

5、重复性测试: Repeatability testing:

载荷 (kg) Weighting	测量误差 (kg) Error	允许误差 (kg) MPE	结论(Pass/Fail) Conclusion
75	0.05	0.50	P

6、偏载测试: Bias testing:

载荷 (kg) Weighting	测量误差 (kg) Error	允许误差 (kg) MPE	结论(Pass/Fail) Conclusion
50	+0.05	± 0.50	P

备注:

Notes:

1 本次测量结果扩展不确定度(Expanded uncertainty of the measurement results):

$U = 0.06 \text{ kg} \quad (k=2)$

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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