

校准证书

CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J202603094839-0001

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委托方

Client

CESMEC SA

联络信息

Contact Inf.

AVDA.MARATHON NRO.2595 MACUL, SERVICIOS DE
INGENIERIA, SANTIAGO 7810552, CHILE

仪器名称

Description

Ball Pressure Test Device

型号/规格

Model/Type

ZBP-T

制造厂

Manufacturer

出厂编号

Serial No.

管理号

Asset No.

922638

接收日期

Receipt Date

2026年03月10日

Y M D

校准日期

Cal. Date

2026年03月17日

Y M D

发布日期

Issued Date

2026年03月17日

Y M D

批准

Approved by

张静

张静

审核

Inspected by

吴遥

吴遥

校准

Calibrated by

高志杰

高志杰

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): 江苏省无锡市新吴区宁韵路8号

No.8,Ningyun Road,,Xinwu District,Wuxi,Jiangsu,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: 140792

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: 无锡计量力学室
Place Wuxi Metrology Mechanics Room
温度: 20.3℃ 相对湿度: 58%
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.)
- JJG 99-2022 砝码检定规程(V.R. of weights) 质量: 1mg~30kg
JJF (新) 68-2021 一维、二维几何尺寸测量校准规范(C. S. for Measuremet on Geometrical Size between One and Two Dimensional) 长度 (Length): 一维: (0~1200)mm; 二维: 300mm×300mm 角度 (Angle): 0°~360°

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 Description	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
F1等级砝码 F-1 class weights	GD209	125024933-001 2026-06-24	常州检验检测标 准认证研究院	F ₁ 等级
数显卡尺 Digital caliper	A20202422	J202509123403- 0043 2026-09-27	广电计量检测 (无锡)有限公 司	MPE:±(0.02~0.03) mm
电子天平 Electronic balance	211184076	J202503205461- 0013 2026-04-10	广电计量检测 (无锡)有限公 司	II级

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

数显卡尺/Digital caliper(A20202422)→卡尺量块(171826)→量块(12块)/Gauge Blocks(174660)→一等量块
标准装置(中国测试技术研究院/NIMTT);

电子天平/Electronic balance(211184076)→F1等级砝码/F-1 class weights(0082)→砝码;

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、球压试验装置球形压头圆弧直径校准:

The spherical head diameter circular arc:

标称值: 5mm 校准结果: 5.00mm 允差: $\pm 0.1\text{mm}$ 不确定度: $U=0.05\text{mm} (k=2)$ 结论: P
Nominal value: Results of calibration: MPE: Uncertainty: Conclusion:

3、球压试验装置荷重校准:

The ball pressure test device load calibration

标称值	约定质量值	折算力值	示值误差	允差	不确定度	结论
Nominal Value	Conventional Mass	Average value	Error	MPE	Uncertainty	Conclusion
(N)	(g)	(N)	(N)	(N)	$U (k=2)$	(P/F)
20	2038.8	19.97	+0.03	± 0.2	3.0 g	P

备注:

Notes:

结论(Conclusion): 所校项目符合技术要求

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)

3.技术指标来源于客户

Technical indicators from customers

4.重力加速度 g 取 9.7944m/s^2

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