

校准证书

CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J202011095150-01-0001

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委托方

Client

HK LEE HING INDUSTRY CO., LIMITED

联络信息

Contact Inf.

See more at: <http://www.china-gauges.com/>

仪器名称

Description

Universal Impact Spring Hammer (IK01~IK06)

型号/规格

Model/Type

LX-T03

制造厂

Manufacturer

SHENZHEN JULIXING INSTRUMENTS CO., LTD.

出厂编号

Serial No.

JLX2020G109527

管理号

Asset No.

接收日期

Receipt Date

2020年11月16日

Y M D

校准日期

Calibration Date

2020年11月23日

Y M D

发布日期

Issued Date

2020年11月23日

Y M D

批准

Approved by

 (副总工)

审核

Inspected by



校准

Calibrated by



证书专用章

(Stamp)

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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。
(The quality system is in accordance with ISO/IEC 17025:2017.)
 - 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 laboratroy .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。
(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.)
 - 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“合格”,“F”代表“不合格”。使用人员还应结合实际测量要求,评估校准结果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".Whereas users should evaluate the effects of MU of calibration results on conformity determination associated with actual measurement.)
 - 5.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L0446的证书附件。(Reference document and accredited scope by CNAS for calibration, beyond which isn't accredited. Please see the attachment of certificate No.L0446 on CNAS website for details.)
- JJF 1475-2014 弹簧冲击器校准规范(C.S. for Spring Hammers):冲击能力:(0.2~2)J;力值:(1~50)N;长度:(1~50)mm

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/有效期 Certificate No./ Due Date	溯源机构 Traceability Institute	技术特征 Technique Character
弹簧冲击器校准装置/CJ-XZ	CJ010207	J202006046177-0002 2021-06-06	广州广电计量检测股份有限公司	$U = (0.005 \sim 0.01)J (k=2)$
弹簧冲击器专用码/10N	115300	J202003191938-0003 2021-03-19	广州广电计量检测股份有限公司	MPE: $\pm 0.2N$
数显卡尺/(0~150)mm	K15L115266	J202008064758-0004 2021-08-06	广州广电计量检测股份有限公司	MPE: $\pm 0.03mm$
半径规/R(0.3~25)mm	550130	J202001094539-0010 2022-01-13	广州广电计量检测股份有限公司	MPE: $\pm (0.020 \sim 0.042) mm$

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

地点 Place	广州计量力学室	温度 Temperature	24.2 °C	相对湿度 Relative Humidity	45 %
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8. 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.



校 准 结 果
RESULTS OF CALIBRATION

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1、外观及各部分相互作用: 正常

Appearance and the function of each part of interaction:

2、锤头球面半径校准: 符合要求

Calibration of Radius of sphere

技术要求: (10±0.2)mm 结论: P

Technical requirements

Conclusion

3、释放撞击元件所需的力: 符合要求

Calibration of The force required to release the impact element

技术要求: ≤10N

Technical requirements

结论: P

Conclusion

4、锤弹簧未压缩状态时, 锤头顶点缩进释放锤头端面的距离:

Calibration of Distance 符合要求

技术要求: ≥1mm

Technical requirements

结论: P

Conclusion

5、冲击能量示值误差校准:

Calibration of Impact energy:

标称值(J)	实测平均值(J)	示值误差(J)	允许误差(J)	结论 (P/F)
Nominal Value	Average Value	Error	MPE	Conclusion
0.14	0.132	+0.008	±0.014	P
0.2	0.195	+0.005	±0.02	P
0.35	0.346	+0.004	±0.03	P
0.5	0.503	-0.003	±0.04	P
0.7	0.696	+0.004	±0.05	P
1	0.985	+0.015	±0.05	P

0.14J不在我司CNAS认可范围内

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 .1.1 冲击能量: $U_{rel}=3.0\%$ ($k=2$)

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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