

校准证书

CALIBRATION CERTIFICATE

证书编号:

Certificate No.



J201805102398-0005

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委托方

Client

优利德科技(中国)股份有限公司

委托方地址

Address

广东省东莞松山湖高新技术产业开发区工业北一路6号

仪器名称

Description

非接触式转速计

型号/规格

Model/Type

UT373

制造厂

Manufacturer

UNI-T

出厂编号

Serial No.

H170379940

管理号

Asset No.

校准日期

Date of Calibration

2018年05月16日

Y M D

样品接收日期

Date of Receipt

2018年05月14日

Y M D

批准人:

Approved Signatory

李平(副主任)

审核:

Inspected by

杨子辉

校准:

Calibrated by

冯永芳



地址: 广东省广州市黄埔大道西平云路163号

Address: No.163.Pingyun Rd, West of HuangPu Ave.Guangzhou.Guangdong.China

计量校准机构备案号(The record number): [2012]粤量校S003号

联系电话(Tel.): 020-38699960,66830999,400-602-0999

传真(Fax): 020-38698685

网站(Website): http://www.grgtest.com



扫一扫验真伪

邮政编码(Postcode): 510656

电子邮件(E-mail): grgtest@grgtest.com

校准说明
DIRECTIONS OF CALIBRATION

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1. 本实验室出具的数据均可溯源至国家计量基准和国际单位制(SI).
(All data issued by GRGTest are traced to National Primary Standards and International System of Units(SI).)
2. 本结果仅对当次被测样品有效, 如有疑问请在15个工作日内反馈。(The result 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, 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”。证书中结论判定是指测得值是否符合规定要求的限定值, 而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". The judgement is made on the basis of whether the measured value conforms to the limited value specified in the regulation, whereas users should evaluate the effects of measurement uncertainty 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。注: 详细的认可范围请查看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.)

JJG 105-2000 转速表检定规程(V.R. of Tachometer): (0.1~33000)r / min

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.	证书编号 Certificate No.	证书有效期 Due Date	技术特征 Technique Character
标准转速装置/GZJY-2A	HA0524	JD18S-BA000046	2019-04-10	$U_{rel}=6.5E-5 k=3$

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	23 °C	相对湿度 Relative Humidity	47 %
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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、外观及附件检查: 符合要求 指标: 完好、无破损 结论: P
In view of External and Generality check: Technical indicators Conclusion
- 2、各部分功能相互作用: 符合要求 指标: 灵活、可靠 结论: P
The function of each part of interaction Technical indicators Conclusion
- 3、示值误差校准:
Calibration of the indication error

标准值	示值平均值	示值误差	示值允差	示值变动性	变动性允差	结论	不确定度
Reference	averaged	Error	MPE	Variation	MPE	Conclusion	Uncertainty
(r/min)	(r/min)	(r/min)	(r/min)	(r/min)	(r/min)	(P/F)	$U_{rel}(k=2)$
100	100.0	0.0	$\pm 0.1\%n+1d$	0.2	0.1%n+2d	P	0.03%
200	200.0	0.0		0.1		P	0.03%
500	500.0	0.0		0.1		P	0.03%
1000	1000.0	0.0		0.1		P	0.03%
2000	2000.0	0.0		0.2		P	0.03%
5000	5000.0	0.0		0.1		P	0.03%
10000	10000	0		0		P	0.03%
20000	20000	0		0		P	0.03%

备注:
Notes:

结论 (Conclusion): 所校项目符合0.1级要求

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)

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