



中国认可
国际互认
校准
CALIBRATION
CNAS L0158

证书编号：
Certificate No.



801384886

苏州市计量测试院

Su zhou Institute of Metrology

校准证书

Calibration Certificate

委托单位：
Customer

西安陕鼓通风设备有限公司

单位地址：
Address of customer

西安市临潼区代王办事处

样品名称：
Name of Sample

风速计

制造单位：
Manufacturer

SMART SENSOR

型号规格：
Model Specification

AR866A

样品编号：
No. of sample

04049651

校准日期：
Date of Calibration

2020 - 04 - 16

接收日期：
Receive Date

2020 - 04 - 13

批准人员：
Approved by

史苏娟

史苏娟

职务：
Position

部长

签发日期：
Date of Issue

2020 - 04 - 16



电话：0512-65230843
Tel.

网址：www.szjl.com.cn
HTTP

地址：苏州市吴中区文曲路69号
Address: No. 69, Wenqu Road, Wuzhong District, Suzhou



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本机构是国家法定计量检定机构, 计量授权证书号: (苏) 法计(2018) 1005号。
This laboratory is a national legal metrological verification institution, Authorization certificate No. (2018) 1005.

本次校准所依据的方法规范:

Reference documents for the calibration methods

JJG(建设) 0001-1992 《热球式风速仪检定规程》

JJG(建设) 0001-1992 《V.R. of Hot Ball Shaped Anemometer》

本次校准结果判定所依据的技术规范:

Technical specifications for the determination of the results of calibration

JJG(建设) 0001-1992 《热球式风速仪检定规程》

JJG(建设) 0001-1992 《V.R. of Hot Ball Shaped Anemometer》

本次校准所使用的主要计量器具:

Main measurement standards used in the calibration

名称 Name	编号 No.	测量范围 Measure Range	不确定度或准确度等级 或最大允许误差 Uncertainty or Accuracy Class or MPE.	溯源机构 Traceability Mechanism	证书编号/ 有效期 Certificate No./Due Date
数字压力计 Digital pressure gauge	720597	(0~2.5) kPa	0.01级 Class 0.01	江苏省计量院	H2019-0070748/ 2020-08-04
皮托管 Pitot tube	960-60	(0.2~60) m/s	$U_{rel}=1.6\%$, $k=2$ $U_{rel}=1.6\%$, $k=2$	上海计量院	2017I20-10-1210741001-01/ 2022-08-10
环形低速风洞 Ring low speed wind tunnel	087	(0.2-60) m/s	均匀性0.24%, 稳定性0.16%	国家气象计量站	GQJ(T)LT2015-0017/ 2021-08-28

校准地点和环境条件:

Location and environmental condition for the calibration

地点: 苏州市娄阳路6号 (No. 6 Louyang road, Suzhou) 107实验室

Location

温度: (21 ~ 22) °C

Ambient Temperature

湿度: (37 % ~ 42 %) RH

Humidity

其他: /

Others

注:

Statement

- 1、未经本院批准授权, 不得部分采用本证书。 Partly using this certificate will not be admitted unless allowed by SIM.
- 2、本证书的校准结果仅对当时所校准样品有效。 The results of this certificate are only responsible for the item calibrated.
- 3、本证书未加盖校准专用章无效。 The certificate is invalid without official stamp.
- 4、证书结果中"P"代表"合格", "F"代表"不合格", "N/A"代表"不适用"。 In the results of the calibration, "P" stands for "Pass", "F" stands for "Fail", and "N/A" stands for "No applicable".
- 5、除特殊情况, 本报告给出的符合性说明未考虑不确定度。 Except for special cases, the conformance statement given in this certificate does not consider uncertainty.



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校准结果/说明:

Results of calibration and additional explanation

1、外观和功能检查 (Appearance and Function Check)

1.1、外观:

Appearance:

符合判定依据要求

In accordance with the requirements of regulation

1.2、风速仪测量范围:

Anemometer measurement range

(0 ~ 30) m/s

1.3、风速仪测量方向:

The measuring direction of anemometer

探头标记点正对气流

The Probe marker faced the windward

2、计量特性测量结果 (the results of metrological specification)

标准值 Standard Values	被检示值 Sample Values	修正值 corrected value	技术要求 Technical Requirements	测量不确定度 Uncertainty in Measurement $U(k=2)$	结论 (Pass/Fail)
(m/s)	(m/s)	(m/s)	(m/s)	(m/s)	—
1.00	0.97	0.03	± 3.00	0.05	P
2.00	1.87	0.13	± 3.00	0.10	P
5.00	4.98	0.02	± 3.00	0.16	P
10.00	10.05	-0.05	± 3.00	0.22	P
15.00	14.71	0.29	± 3.00	0.28	P
20.00	18.42	1.58	± 3.00	0.32	P
25.00	23.38	1.62	± 3.00	0.36	P
30.00	27.21	2.79	± 3.00	0.38	P

风速仪准确度等级: B 级

说明 (Illustration):

1、经校准, 所校项目符合判定依据规定的技术要求。

On the basis of calibration results, it has been found that the instrument calibrated meet metrological requirements specified in the judgement.

2、建议复校时间间隔为: 12 个月

It's recommended that the sample is recalibrated within 12 months.

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校准人员:
Calibrated by

暴海霞

暴海霞

核验人员:
Checked by

任豪

任豪

校准证书续页专用
Continue page of calibration certificate

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