



威凯检测技术有限公司计量中心

Vkan Certification & Testing Co.,Ltd Measuring Center

(原广州电器科学研究院计量中心)

机械工业第三计量测试中心站(广州)

Third Measuring & Testing Center Station Under Machinery Industry (GuangZhou)



中国认可  
国际互认  
校准  
CALIBRATION  
CNAS L1093

# 校准证书

CALIBRATION CERTIFICATE

证书编号:

Certificate No.

Q2017579-03

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## 委托单位 Applicant

名称:

Name.

TÜV Rheinland (India) Pvt. Ltd.

地址:

Address

#27/B, 2nd Cross, Sy No. 13, Konappana Agrahara, Begur Hobli,  
Electronics City Phase-1, Bangalore-560100 EMAIL

## 计量器具 Measuring instruments

名称:

Name.

IPX5-6 Strong Water Spray Test Machine

型号规格:

Model/Type

IPX56AS

编号:

Serial No.

PG-201709IP56AS1503

制造商:

Manufacturer

Pego Group (HK) Company Limited

接收日期:

Date of Receipt

2017

年

Year

10

月

Month

20

日

Day

校准日期:

Date of Calibration

2017

年

Year

10

月

Month

20

日

Day

发证单位(专用章)

Issued by (stamp)



批准

Approved by

曲建结

核 验

Inspected by

王学军

校 准

Calibrated by

王学军





# 说明 DIRECTIONS



中国认可  
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1、本中心是中国机械工业联合会在广州设立的计量校准机构,证书号为:机量(2015)03号。也是经中国合格评定国家认可委员会认可的校准实验室,证书号为:CNAS L1093。  
This laboratory is the metrology and calibration institution set up by the China Machinery Industry Federation in Guangzhou. The certificate number is (2015) 03. This laboratory is also accredited by China National Accreditation Service for Conformity Assessment (CNAS). The certificate number is CNAS L1093.

2、本中心所出具的数据均可溯源到国家计量基(标)准。  
All data issued by this laboratory are traceable to national primary standards (national standards).

3、本次校准参考的技术文件:  
Reference documents for the calibration:

JJF1207-2008 三针、针规校准规范	C.S. of Cylindrical Measuring Pin
JJG238-1995 数字式时间间隔测量仪检定规程	V. R. of Digital Time Interval Measuring Instrument
JJG617-1996 数字温度指示调节仪检定规程	V. R. of Digital Temperature Indicators
JJG105-2000 转速表检定规程	V. R. of Tachometers

4、本次校准的环境条件:  
Environmental conditions in the calibration.

地点: 委托方实验室  
place Laboratory of the client

温度: 20 °C  
Temperature

相对湿度: 65 %RH  
R. H.

5、本次校准所使用的主要工作标准:  
Main working standards used in the calibration.

仪器名称/型号 Name of working standards / Model	机身号 Serial No.	技术特征 Technical Characteristics	证书号/有效期 Certificate No./ Due Date
电子秒表 Electronic Stopwatch HS-3	ZH-00292-1	分辨率 Resolution: 0.01s	Z2017003-02 /2018-01-04
电子数显卡尺 Digital Caliper /(0-150)mm	6035235	0.01 mm	Z2017005-02 /2018-03-04
电子天平 Electronic balance /HG-15K	00360056	II 级 Class II	Z2017019-02 /2018-09-08
数字指示秤 Digital Indicator Scale XK3190-A15E	807952	III级 Class III	Z2017015-05 /2018-06-06
标准铂电阻温度计 Standard platinum resistance thermometer 5609	02131	二等 Grade 2	RZD201601566 /2018-02-25

注: 1、证书无校准单位公章无效;

Note: The certificate is invalid without the official stamp of our laboratory;

2、本证书的校准结果仅对所校准样品有效,并且只与受校准的项目有关;

The results of the certificate is valid to the calibrated sample, and relate only to the items calibrated;

3、未经本中心书面批准,不得部分复制此证书;

This certificate shall not be reproduced except in full, without the written approval of our laboratory;

4、证书编号与原始记录编号相同;

The certificate number is according to the record number;

5、带“★”项为未经 CNAS 认可的项目。

"★" item cannot be accredited by CNAS.





# 校准结果

## RESULTS OF CALIBRATION



中国认可  
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- 1 外观检查  
Appearance inspection 符合要求  
Pass
- 2 喷嘴孔径  
Nozzle hole diameter

项目 Item	指标要求 Technical requirement (mm)	实测值 Measured value (mm)	扩展不确定度 $U$ Expanded uncertainty ( $k=2$ )(mm)
IP5	6.3	6.24	0.02
IP6	12.5	12.46	0.02

- 3 流量  
Flow

项目 Item	指标要求 Technical requirement (L/min)	实测值 Measured value (L/min)	相对扩展不确定度 $U_{rel}$ Relative expanded uncertainty( $k=2$ )
IP5	12.5 $\pm$ 5%	12.22	1%
IP6	100 $\pm$ 5%	103.2	1%

- 4 喷水工作台转速  
Rotating speed of rotary table

指标要求 Technical requirement (r/min)	实测值 Measured value (r/min)	扩展不确定度 $U$ Expanded uncertainty ( $k=2$ ) (r/min)
1	1.01	0.02

- 5 水温度  
Water temperature

示值 Indication ( $^{\circ}\text{C}$ )	实测值 Measured value ( $^{\circ}\text{C}$ )	扩展不确定度 $U$ Expanded uncertainty ( $k=2$ ) ( $^{\circ}\text{C}$ )
23.6	23.7	0.3

- 6 时间控制器  
Time controller

控制功能正常, 到达设定次数能正常停机  
Can control function is normal, to set the number of normal downtime

注: 技术要求参考 IEC60529。  
Attention: Technical requirements are based on IEC60529.

复校时间间隔: 建议不超过壹年。  
The interval of calibration is advised to be within one year.

