



Shanghai Electric Tool Research Institute Center of Measurement and Calibration
The Tenth Metering and Measuring Center Station of Mechanical Industry (Shanghai)

证书编号: 2015-C-3988
Certificate No.

上海电动工具研究所计量校准中心 机械工业第十计量测试中心站 (上海) 校准证书

CALIBRATION CERTIFICATE

委托者 浙江朗坤电力工程检测有限公司
Customer

委托者地址 /
Add. of Customer

委托书编号 J2015-185
Order Number

器具的名称 三通道直流电阻测试仪
Description of Instrument

制造厂商 杭州高电科技有限公司
Manufacture

型号/规格 CT3320Z
Model/Type

器具编号 1503241
Number of Instrument

受样日期 2015.03.30
Date of Sampling

受样方式/地点(单位) 送样
Way & Place (Organization) of Sampling

杭州高电

签发人/职务 陈永 主任
Approval Signature Title

校核员 陈永
Checked by

专业高准试铸典范

Professional high voltage test

校准日期 2015 年 03 月 30 日
Date of Calibration

高压测量仪器智造 | 电力试验工程服务

地址: 上海市宝庆路 10 号 电话: (021)64314612 (021) 64331431 传真: (021)64331130 邮编: 200031
Address: No. 10 Baoqing Rd., Shanghai Tel: Fax: Post Code:

本证书提供的结果仅对本次被校的样品有效。
It's effect that the result of this certificate only for the sample(s) Calibrated.
本实验室获中国合格评定国家认可委员会认可。认可证书编号为: L6025
SETRI has been accredited by China National Accreditation Service for Conformity Assessment. The number of the Certificate is L6025.
本实验室获上海校准实验室评审中心认可。认可证书编号为: SJ016
SETRI has been accredited by Shanghai Calibration Laboratory Audit Center. The number of the Certificate is SJ016.



机量 (2012) 10号
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1. 校准依据

Calibration Specification

JJG837-2003 直流低电阻表计量检定规程

JJG1052-2009 回路电阻测试仪、直阻仪检定规程

SETRI/JJF029-2005 回路电阻测试仪校准规范

2. 本次校准所使用的主要计量标准器(组):

Main standards of measurement used in this calibration

名称 Name	型号 Type	出厂编号 Ex-factory N	测量范围 Measuring range	准确度/等级 Accuracy/Class	证书编号/有效期限 Certificate No/ Due Date
模拟大功率直流 标准电阻器	MZB-200	E-17-373	0-19Ω	±0.05%	2014DW2251761 2015.12.24

以上计量标准器具的量值溯源至国家基准。

Quantity values of above measurement standards in this calibration are traced to those of the national primary standards in the P.R. China.

3. 校准的地点、环境条件:

Place, time and environmental condition of this calibration

地点: 本所/电磁室

Place

温度: 21℃

Temp

湿度: 52%RH

R.H.

其它: /

Others

4. 校准结果的不确定度、限制使用范围及条件:

Limiting range and condition in used and uncertainty of the measurement results

本次测量结果的不确定度:

Uncertainty of the measurement results

$$U_{rel}=0.2\% \quad (k=2)$$

限制使用范围及条件: ---

Limiting range and condition in used

5. 建议再校日期:

Suggested recalibrate date

如果希望在制造商指定的技术指标范围内, 或者在技术法规规定的范围内使用

If you hope to use the complying with specification and regulation, please recalibrate it before the date given out.

本校准结果, 则建议在 2016 年 03 月 29 日前进行复校。

Year

Month

Date

6. 其它:

Other

本次校准只对所给数据有效。

The calibration results presented in this report relate only to the item calibrated.



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校准数据 / 结果

Data / Results of Calibration

- 一、外观及性能检查: 正常
- 二、电流测量:

电流档 (A)	电流示值 (A)	测量值 (A)
20	20.071	20.075
10	10.062	10.062
5	5.0221	5.0220
1	1.0010	1.0008

- 三、电阻校准 允差: $\pm (0.2\% \text{读数} + 2 \text{个字})$

实际值 (m Ω)	电阻示值 (m Ω)	电阻示值 (m Ω)
	A0	ao
1.000	1.001	1.000
5.000	5.000	5.000
10.00	10.00	10.00
50.00	50.01	50.01
100.0	100.0	100.0
500.0	500.1	500.1

实际值 (Ω)	电阻示值 (Ω)	电阻示值 (Ω)
1.000	1.000	1.000
5.000	5.000	5.000
10.00	10.00	10.00
19.00	19.01	19.01

注: 委托方选做以上测量点。

校准结果内容结束

未经本所书面许可, 不得部分复制本证书。

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