



广州市高铁计量检测维修有限公司
GUANGZHOU CITY GAOTIE MEASUREMENT AND TESTING CO. LTD



证书编号 GTC16050173001
Certificate No.

校准证书

CALIBRATION CERTIFICATE

G006

委托方
Client

广东中质检测技术有限公司

委托方地址
ADD.of Client

广州市高新技术产业开发区科学城科丰路31号G8栋101号房

样品名称
Name of sample

大电流发生器(温度)

型号/规格
Model/Type

SDDL-6000Q

样品编号
No. of sample

2016DL0326

制造商
Manufacture

青岛东来电气设备有限公司

接收日期
RecDate

2016-05-12

报告批准人

Approved by

(证书专用章)

审核员

Checked by

校准员

Cal.by

校准日期
Cal.Date

2016-05-12

建议再校日期
Advicing Recal.Date

2017-05-11

地址: 广州市番禺区大石镇南大公路礼村路鸿图工业园A1幢
Address: Building A, Hongtu Industrial Park, Licun Road, Dashi South Road, Panyu District, Guangzhou, Guangdong, China

电话: 020-39932518
Tel.

传真: 020-34797200
Fax.

邮编: 511430
Post Code.

未经本室批准, 部分采用本报告内容无效。

Partly using the certificate will not be admitted unless allowed by Gaotie



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本实验室为中国实验室国家认可委员会批准授权的校准/检测实验室(CNAS NO. L2203),符合ISO/IEC 17025的要求,所出具的认可计量校准/检测证书/报告在参加国际实验室合作组织与亚太地区实验室合作组织的国家和地区获得互认。

Calibration Laboratory GaoTie is appraised to be the authorized calibration/testing laboratory by CNAS(CNAS NO. L2203), complying with the requirements of ISO/IEC 17025, the certificates/reports issued have gained recognition of any signatory of APLAC and ILAC.

本实验室所出具的数据均可溯源至保存在中国计量科学研究院的国家计量基准和国际单位制(SI).

All data issued by this laboratory are traceable to national primary standards maintained in National Institute of Metrology (NIM) and International System of Units (SI).

本证书结果只与受校准的项目有关。

The results of this certificate relate only to the items calibrated.

本次校准参考文件

JJF1171—2007温度巡回检测仪校准规范

Reference Doc. for the Cal.

本次校准所使用的主要计量标准

Main Standards of Measurement Used in the Calibration

名称 / 型号 Description / Model	机身号 Serial No.	证书编号/有效期 Certificate No./Due date	技术特征 Technique character
标准水银温度计/ (0~50℃) 0.1℃分度	20193	RE-201419337/ 2016.11.27	二等
标准水银温度计/ (50~100℃) 0.1℃分度	30701	RE-201419338/ 2016.11.27	二等
标准水银温度计/ (100~150℃) 0.1℃分度	49828	RE-201419339/ 2016.11.27	二等
标准油槽/ HTS-300A	1573	RT-20151211/ 2017.04.26	±0.01℃

本次测量结果的扩展不确定度:

(-30~50)℃: $U = 0.12^{\circ}\text{C}$

The Uncertainty of Measurement Results

(50~300)℃: $U = 0.14^{\circ}\text{C}$ ($k=2$)

(依据JJF1059.1—2012《测量不确定度评定与表示》进行评定)

校准地点:

客户实验室

Location of the Cal.

校准环境条件

Environmental condition

温度 20℃
Ambient temperature

相对湿度 56%
Relative humidity

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校准结果
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1.外观及工作正常性检查
(Check of apparent and operating condition)

符合要求
Pass muster

2.温度示值误差校准
(Temperature indication error calibration)

	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M1CH1	30	29.4	-0.6	1.5	P
	40	39.2	-0.8	1.5	P
	50	49.6	-0.4	1.5	P
	60	60.0	0.0	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M1CH2	30	29.9	-0.1	1.5	P
	40	39.3	-0.7	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P



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M1CH3	30	29.1	-0.9	1.5	P
	40	38.9	-1.1	1.5	P
	50	49.1	-0.9	1.5	P
	60	60.0	0.0	1.5	P
	70	70.1	0.1	1.5	P
	80	80.3	0.3	1.5	P
	90	90.2	0.2	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.3	0.3	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M1CH4	30	30.0	0.0	1.5	P
	40	39.9	-0.1	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.4	0.4	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M1CH5	30	29.5	-0.5	1.5	P
	40	39.9	-0.1	1.5	P
	50	50.1	0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.4	0.4	1.5	P
	100	100.2	0.2	1.5	P
	110	110.2	0.2	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P

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M1CH6	30	29.1	-0.9	1.5	P
	40	39.5	-0.5	1.5	P
	50	49.8	-0.2	1.5	P
	60	60.2	0.2	1.5	P
	70	70.3	0.3	1.5	P
	80	80.3	0.3	1.5	P
	90	90.2	0.2	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M1CH7	30	29.9	-0.1	1.5	P
	40	40.1	0.1	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.4	0.4	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.4	0.4	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M1CH8	30	30.0	0.0	1.5	P
	40	40.0	0.0	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.3	0.3	1.5	P
	90	90.4	0.4	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P

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M2CH1	30	29.9	-0.1	1.5	P
	40	40.1	0.1	1.5	P
	50	49.6	-0.4	1.5	P
	60	59.8	-0.2	1.5	P
	70	69.1	-0.9	1.5	P
	80	79.4	-0.6	1.5	P
	90	88.9	-1.1	1.5	P
	100	98.6	-1.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.6	0.6	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P
M2CH2	30	29.7	-0.3	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.3	-0.7	1.5	P
	60	58.9	-1.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M2CH3	30	30.0	0.0	1.5	P
	40	40.3	0.3	1.5	P
	50	50.2	0.2	1.5	P
	60	60.2	0.2	1.5	P
	70	70.2	0.2	1.5	P
	80	80.3	0.3	1.5	P
	90	90.2	0.2	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.6	0.6	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P

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M2CH4	30	30.0	0.0	1.5	P
	40	40.0	0.0	1.5	P
	50	50.1	0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.0	0.0	1.5	P
	80	80.1	0.1	1.5	P
	90	90.2	0.2	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.4	0.4	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M2CH5	30	30.1	0.1	1.5	P
	40	40.2	0.2	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.3	0.3	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.2	0.2	1.5	P
	110	110.2	0.2	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M2CH6	30	30.0	0.0	1.5	P
	40	39.2	-0.8	1.5	P
	50	49.8	-0.2	1.5	P
	60	59.7	-0.3	1.5	P
	70	69.5	-0.5	1.5	P
	80	79.5	-0.5	1.5	P
	90	89.4	-0.6	1.5	P
	100	98.8	-1.2	1.5	P
	110	110.8	0.8	1.5	P
	120	120.6	0.6	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P

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M2CH7	30	29.0	-1.0	1.5	P
	40	38.8	-1.2	1.5	P
	50	50.5	0.5	1.5	P
	60	59.4	-0.6	1.5	P
	70	69.7	-0.3	1.5	P
	80	79.9	-0.1	1.5	P
	90	90.2	0.2	1.5	P
	100	99.9	-0.1	1.5	P
	110	110.9	0.9	1.5	P
	120	120.5	0.5	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P
M2CH8	30	30.1	0.1	1.5	P
	40	39.7	-0.3	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	89.7	-0.3	1.5	P
	100	99.3	-0.7	1.5	P
	110	110.3	0.3	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M3CH1	30	29.0	-1.0	1.5	P
	40	39.2	-0.8	1.5	P
	50	49.4	-0.6	1.5	P
	60	59.6	-0.4	1.5	P
	70	68.6	-1.4	1.5	P
	80	79.9	-0.1	1.5	P
	90	89.7	-0.3	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.1	0.1	1.5	P
	130	130.1	0.1	1.5	P
	140	140.1	0.1	1.5	P
	150	150.1	0.1	1.5	P

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M3CH2	30	29.9	-0.1	1.5	P
	40	39.8	-0.2	1.5	P
	50	49.9	-0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.0	0.0	1.5	P
	80	80.1	0.1	1.5	P
	90	90.1	0.1	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.1	0.1	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M3CH3	30	29.4	-0.6	1.5	P
	40	39.7	-0.3	1.5	P
	50	49.8	-0.2	1.5	P
	60	59.2	-0.8	1.5	P
	70	69.5	-0.5	1.5	P
	80	79.7	-0.3	1.5	P
	90	89.6	-0.4	1.5	P
	100	99.1	-0.9	1.5	P
	110	110.1	0.1	1.5	P
	120	120.2	0.2	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M3CH4	30	29.7	-0.3	1.5	P
	40	39.7	-0.3	1.5	P
	50	49.8	-0.2	1.5	P
	60	59.8	-0.2	1.5	P
	70	68.6	-1.4	1.5	P
	80	79.5	-0.5	1.5	P
	90	89.6	-0.4	1.5	P
	100	99.8	-0.2	1.5	P
	110	110.8	0.8	1.5	P
	120	120.1	0.1	1.5	P
	130	130.3	0.3	1.5	P
	140	140.3	0.3	1.5	P
	150	150.3	0.3	1.5	P

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M3CH5	30	30.0	0.0	1.5	P
	40	40.0	0.0	1.5	P
	50	50.0	0.0	1.5	P
	60	60.4	0.4	1.5	P
	70	70.0	0.0	1.5	P
	80	80.1	0.1	1.5	P
	90	90.1	0.1	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.6	0.6	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M3CH6	30	29.2	-0.8	1.5	P
	40	38.8	-1.2	1.5	P
	50	49.4	-0.6	1.5	P
	60	59.1	-0.9	1.5	P
	70	70.0	0.0	1.5	P
	80	80.1	0.1	1.5	P
	90	90.1	0.1	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.4	0.4	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M3CH7	30	29.1	-0.9	1.5	P
	40	38.9	-1.1	1.5	P
	50	49.1	-0.9	1.5	P
	60	59.8	-0.2	1.5	P
	70	70.1	0.1	1.5	P
	80	79.2	-0.8	1.5	P
	90	89.0	-1.0	1.5	P
	100	98.6	-1.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.3	0.3	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M3CH8	30	30.0	0.0	1.5	P
	40	40.1	0.1	1.5	P
	50	49.9	-0.1	1.5	P
	60	58.6	-1.4	1.5	P
	70	75.3	5.3	1.5	F
	80	80.0	0.0	1.5	P
	90	90.2	0.2	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M4CH1	30	30.0	0.0	1.5	P
	40	40.1	0.1	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M4CH2	30	30.0	0.0	1.5	P
	40	40.1	0.1	1.5	P
	50	50.1	0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M4CH3	30	30.1	0.1	1.5	P
	40	40.3	0.3	1.5	P
	50	50.3	0.3	1.5	P
	60	60.4	0.4	1.5	P
	70	70.5	0.5	1.5	P
	80	80.5	0.5	1.5	P
	90	90.5	0.5	1.5	P
	100	100.6	0.6	1.5	P
	110	110.6	0.6	1.5	P
	120	120.6	0.6	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P
M4CH4	30	29.7	-0.3	1.5	P
	40	39.5	-0.5	1.5	P
	50	49.6	-0.4	1.5	P
	60	59.4	-0.6	1.5	P
	70	69.5	-0.5	1.5	P
	80	80.0	0.0	1.5	P
	90	90.2	0.2	1.5	P
	100	99.3	-0.7	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P
M4CH5	30	30.0	0.0	1.5	P
	40	40.1	0.1	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.3	0.3	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M4CH6	30	29.8	-0.2	1.5	P
	40	39.5	-0.5	1.5	P
	50	49.9	-0.1	1.5	P
	60	59.8	-0.2	1.5	P
	70	69.6	-0.4	1.5	P
	80	79.8	-0.2	1.5	P
	90	89.5	-0.5	1.5	P
	100	99.1	-0.9	1.5	P
	110	110.1	0.1	1.5	P
	120	120.6	0.6	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M4CH7	30	30.0	0.0	1.5	P
	40	40.2	0.2	1.5	P
	50	50.2	0.2	1.5	P
	60	60.2	0.2	1.5	P
	70	70.3	0.3	1.5	P
	80	80.4	0.4	1.5	P
	90	90.4	0.4	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.6	0.6	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P
M4CH8	30	30.2	0.2	1.5	P
	40	40.3	0.3	1.5	P
	50	50.3	0.3	1.5	P
	60	60.4	0.4	1.5	P
	70	70.4	0.4	1.5	P
	80	80.5	0.5	1.5	P
	90	90.5	0.5	1.5	P
	100	100.5	0.5	1.5	P
	110	110.5	0.5	1.5	P
	120	120.7	0.7	1.5	P
	130	130.8	0.8	1.5	P
	140	140.8	0.8	1.5	P
	150	150.8	0.8	1.5	P

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M5CH1	30	29.5	-0.5	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.3	-0.7	1.5	P
	60	59.1	-0.9	1.5	P
	70	68.7	-1.3	1.5	P
	80	78.4	-1.6	1.5	F
	90	88.6	-1.4	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.4	0.4	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M5CH2	30	29.9	-0.1	1.5	P
	40	40.1	0.1	1.5	P
	50	50.1	0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	98.7	-1.3	1.5	P
	110	110.7	0.7	1.5	P
	120	120.3	0.3	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M5CH3	30	30.0	0.0	1.5	P
	40	39.7	-0.3	1.5	P
	50	50.1	0.1	1.5	P
	60	60.0	0.0	1.5	P
	70	70.0	0.0	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P

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M5CH4	30	30.0	0.0	1.5	P
	40	40.0	0.0	1.5	P
	50	50.0	0.0	1.5	P
	60	60.0	0.0	1.5	P
	70	70.1	0.1	1.5	P
	80	79.7	-0.3	1.5	P
	90	89.4	-0.6	1.5	P
	100	99.0	-1.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.4	0.4	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M5CH5	30	29.8	-0.2	1.5	P
	40	39.8	-0.2	1.5	P
	50	49.6	-0.4	1.5	P
	60	59.8	-0.2	1.5	P
	70	70.1	0.1	1.5	P
	80	79.9	-0.1	1.5	P
	90	90.0	0.0	1.5	P
	100	99.0	-1.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.3	0.3	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M5CH6	30	29.9	-0.1	1.5	P
	40	40.0	0.0	1.5	P
	50	50.1	0.1	1.5	P
	60	59.9	-0.1	1.5	P
	70	70.0	0.0	1.5	P
	80	80.0	0.0	1.5	P
	90	90.0	0.0	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.3	0.3	1.5	P
	130	130.3	0.3	1.5	P
	140	140.3	0.3	1.5	P
	150	150.3	0.3	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M5CH7	30	30.0	0.0	1.5	P
	40	39.6	-0.4	1.5	P
	50	50.0	0.0	1.5	P
	60	59.9	-0.1	1.5	P
	70	68.7	-1.3	1.5	P
	80	78.6	-1.4	1.5	P
	90	90.1	0.1	1.5	P
	100	99.3	-0.7	1.5	P
	110	110.3	0.3	1.5	P
	120	120.2	0.2	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M5CH8	30	29.3	-0.7	1.5	P
	40	39.2	-0.8	1.5	P
	50	50.0	0.0	1.5	P
	60	58.6	-1.4	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.5	0.5	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M6CH1	30	29.1	-0.9	1.5	P
	40	38.7	-1.3	1.5	P
	50	50.5	0.5	1.5	P
	60	59.9	-0.1	1.5	P
	70	70.0	0.0	1.5	P
	80	80.0	0.0	1.5	P
	90	89.9	-0.1	1.5	P
	100	99.3	-0.7	1.5	P
	110	110.3	0.3	1.5	P
	120	120.2	0.2	1.5	P
	130	130.3	0.3	1.5	P
	140	140.3	0.3	1.5	P
	150	150.3	0.3	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M6CH2	30	29.2	-0.8	1.5	P
	40	39.0	-1.0	1.5	P
	50	48.7	-1.3	1.5	P
	60	59.6	-0.4	1.5	P
	70	69.7	-0.3	1.5	P
	80	79.9	-0.1	1.5	P
	90	89.8	-0.2	1.5	P
	100	99.6	-0.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.1	0.1	1.5	P
	130	130.3	0.3	1.5	P
	140	140.3	0.3	1.5	P
	150	150.3	0.3	1.5	P
M6CH3	30	29.8	-0.2	1.5	P
	40	39.9	-0.1	1.5	P
	50	50.0	0.0	1.5	P
	60	59.6	-0.4	1.5	P
	70	69.9	-0.1	1.5	P
	80	79.9	-0.1	1.5	P
	90	90.0	0.0	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.1	0.1	1.5	P
	130	130.2	0.2	1.5	P
	140	140.2	0.2	1.5	P
	150	150.2	0.2	1.5	P
M6CH4	30	29.6	-0.4	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.6	-0.4	1.5	P
	60	58.8	-1.2	1.5	P
	70	68.9	-1.1	1.5	P
	80	78.8	-1.2	1.5	P
	90	88.8	-1.2	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.4	0.4	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M6CH5	30	30.0	0.0	1.5	P
	40	39.6	-0.4	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	69.9	-0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	98.6	-1.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M6CH6	30	28.2	-1.8	1.5	F
	40	38.9	-1.1	1.5	P
	50	49.5	-0.5	1.5	P
	60	59.3	-0.7	1.5	P
	70	68.7	-1.3	1.5	P
	80	78.9	-1.1	1.5	P
	90	89.9	-0.1	1.5	P
	100	98.6	-1.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.2	0.2	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M6CH7	30	29.3	-0.7	1.5	P
	40	38.9	-1.1	1.5	P
	50	48.7	-1.3	1.5	P
	60	58.6	-1.4	1.5	P
	70	69.1	-0.9	1.5	P
	80	79.3	-0.7	1.5	P
	90	89.4	-0.6	1.5	P
	100	98.6	-1.4	1.5	P
	110	110.6	0.6	1.5	P
	120	120.4	0.4	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P

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	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M6CH8	30	29.5	-0.5	1.5	P
	40	39.0	-1.0	1.5	P
	50	49.9	-0.1	1.5	P
	60	59.3	-0.7	1.5	P
	70	69.4	-0.6	1.5	P
	80	79.4	-0.6	1.5	P
	90	89.3	-0.7	1.5	P
	100	99.2	-0.8	1.5	P
	110	110.2	0.2	1.5	P
	120	120.2	0.2	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M7CH1	30	29.6	-0.4	1.5	P
	40	40.0	0.0	1.5	P
	50	50.2	0.2	1.5	P
	60	59.8	-0.2	1.5	P
	70	69.7	-0.3	1.5	P
	80	79.6	-0.4	1.5	P
	90	89.6	-0.4	1.5	P
	100	98.7	-1.3	1.5	P
	110	110.7	0.7	1.5	P
	120	120.5	0.5	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M7CH2	30	30.1	0.1	1.5	P
	40	40.0	0.0	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.0	0.0	1.5	P
	90	90.0	0.0	1.5	P
	100	99.4	-0.6	1.5	P
	110	110.4	0.4	1.5	P
	120	120.6	0.6	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P



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Certificate No.

校准结果

Calibration results

	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M7CH3	30	30.0	0.0	1.5	P
	40	40.2	0.2	1.5	P
	50	50.2	0.2	1.5	P
	60	60.0	0.0	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.4	0.4	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P
M7CH4	30	29.9	-0.1	1.5	P
	40	40.0	0.0	1.5	P
	50	50.2	0.2	1.5	P
	60	60.0	0.0	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.2	0.2	1.5	P
	130	130.4	0.4	1.5	P
	140	140.4	0.4	1.5	P
	150	150.4	0.4	1.5	P
M7CH5	30	29.9	-0.1	1.5	P
	40	39.6	-0.4	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.0	0.0	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.6	0.6	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P

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校准结果
Calibration results

	标准值 Standard	示值 Indicated	偏差 Deviation	允许偏差 Limit	结论 Result
	(°C)	(°C)	(°C)	±(°C)	合格(P)/超差(F)
M7CH6	30	29.1	-0.9	1.5	P
	40	39.4	-0.6	1.5	P
	50	49.7	-0.3	1.5	P
	60	59.5	-0.5	1.5	P
	70	69.3	-0.7	1.5	P
	80	79.1	-0.9	1.5	P
	90	89.0	-1.0	1.5	P
	100	99.0	-1.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.4	0.4	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M7CH7	30	29.6	-0.4	1.5	P
	40	39.5	-0.5	1.5	P
	50	49.5	-0.5	1.5	P
	60	58.8	-1.2	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.0	0.0	1.5	P
	110	110.1	0.1	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M7CH8	30	30.1	0.1	1.5	P
	40	40.2	0.2	1.5	P
	50	50.2	0.2	1.5	P
	60	60.2	0.2	1.5	P
	70	70.3	0.3	1.5	P
	80	80.3	0.3	1.5	P
	90	90.4	0.4	1.5	P
	100	100.4	0.4	1.5	P
	110	110.4	0.4	1.5	P
	120	120.6	0.6	1.5	P
	130	130.6	0.6	1.5	P
	140	140.6	0.6	1.5	P
	150	150.6	0.6	1.5	P

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校准结果
Calibration results

	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M8CH1	30	30.0	0.0	1.5	P
	40	40.2	0.2	1.5	P
	50	50.2	0.2	1.5	P
	60	60.3	0.3	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	99.5	-0.5	1.5	P
	110	110.5	0.5	1.5	P
	120	120.5	0.5	1.5	P
	130	130.7	0.7	1.5	P
	140	140.7	0.7	1.5	P
	150	150.7	0.7	1.5	P
M8CH2	30	29.5	-0.5	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.9	-0.1	1.5	P
	60	59.9	-0.1	1.5	P
	70	70.3	0.3	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M8CH3	30	30.0	0.0	1.5	P
	40	40.1	0.1	1.5	P
	50	50.0	0.0	1.5	P
	60	60.3	0.3	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.5	0.5	1.5	P
	130	130.3	0.3	1.5	P
	140	140.3	0.3	1.5	P
	150	150.3	0.3	1.5	P

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校准结果
Calibration results

	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M8CH4	30	30.0	0.0	1.5	P
	40	39.5	-0.5	1.5	P
	50	50.2	0.2	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.0	0.0	1.5	P
	90	90.2	0.2	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M8CH5	30	29.7	-0.3	1.5	P
	40	40.1	0.1	1.5	P
	50	50.1	0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.1	0.1	1.5	P
	110	110.1	0.1	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P
M8CH6	30	29.7	-0.3	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.7	-0.3	1.5	P
	60	60.0	0.0	1.5	P
	70	70.3	0.3	1.5	P
	80	80.3	0.3	1.5	P
	90	90.0	0.0	1.5	P
	100	100.3	0.3	1.5	P
	110	110.3	0.3	1.5	P
	120	120.5	0.5	1.5	P
	130	130.7	0.7	1.5	P
	140	140.3	0.3	1.5	P
	150	150.4	0.4	1.5	P



校准结果
Calibration results

	标准值 Standard (°C)	示值 Indicated (°C)	偏差 Deviation (°C)	允许偏差 Limit ±(°C)	结论 Result 合格(P)/超差(F)
M8CH7	30	29.6	-0.4	1.5	P
	40	39.4	-0.6	1.5	P
	50	49.4	-0.6	1.5	P
	60	59.1	-0.9	1.5	P
	70	70.2	0.2	1.5	P
	80	80.2	0.2	1.5	P
	90	90.2	0.2	1.5	P
	100	100.2	0.2	1.5	P
	110	110.2	0.2	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.6	0.6	1.5	P
	150	150.7	0.7	1.5	P
M8CH8	30	29.5	-0.5	1.5	P
	40	39.6	-0.4	1.5	P
	50	49.9	-0.1	1.5	P
	60	60.1	0.1	1.5	P
	70	70.1	0.1	1.5	P
	80	80.2	0.2	1.5	P
	90	90.1	0.1	1.5	P
	100	100.0	0.0	1.5	P
	110	110.0	0.0	1.5	P
	120	120.3	0.3	1.5	P
	130	130.5	0.5	1.5	P
	140	140.5	0.5	1.5	P
	150	150.5	0.5	1.5	P

结论：符合所校准项目技术依据要求。
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