



深圳中恒检测技术有限公司

SHENZHEN ZHONGHENG DETECTION TECHNOLOGY CO., LTD.

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Certificate No.

Page 1 3 Pages

Name of Customer

Address of Customer

Name of Instrument

Type/Specification

Manufacturer

Serial No.

Management No.

Receipt Date

Calibration Date

Issue Date

Authorized by

Inspected by

Calibrated by



Address



DIRECTIONS OF CALIBRATION

ZHWH202601200118

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Certificate No.

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1. "G"

Each certificate has a unique number. The suffix of "G" 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.

2. CNAS " * "

CNAS

L7054

Reference document and accredited scope by CNAS for calibration, The "*" Part is outside the scope of approval. Please see the attachment of certificate No. L7054 on CNAS website for details.

3. (SI) /

All data issued by this laboratory are traceable to International System of Units (SI) and/or social public measurement standards.

4. "P" " " "F" " "

MPE & judgement result in the datasheet is only for reference, "P" is "Pass", "F" is "Fail".

5. (Reference documents for the Calibration.)

GJB 8817-2015

RLC

6. (Main Standards of Measurement Used in the Calibration.)

Equipment Name	Model	Equipment No.	Metrological Characteristic	Traceability Institute	/ Certificate No. /Due Date
	BR5-5	20C516002	$U_{rel}=0.06\% (k=2)$		JL2506336881 /2026-05-07
	RX7-0	2801	DCV $\pm 0.025\%$ ACV $\pm 0.2\%$ DCI $\pm 0.05\%$ ACI $\pm 0.5\%$ R $\pm 0.05\%$ f $\pm 0.05\%$		ZHDX202504150 308 /2026-04-14

7. (Calibration Locus.)

8. (Calibration condition.) Temp() 18.2 Humidity(%RH) 55

9. (The results relate only to the items calibrated.)

10. (Suggested Recal Date.) 2027-01-19



Result of Calibration

ZHWH202601200118

(Certificate No.)

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In view of External and Generality check : Pass

2

Capacitance Measurement Accuracy

	Reference	Indication	Error	$U_{rel}(k=2)$ (%)	MPE	Conclusion (Pass/Fail)
50Hz	0.5	0.52	0.02	0.5	± 0.05	P
	1	1.03	0.03	0.5	± 0.07	P
	2	2.05	0.05	0.5	± 0.12	P
	10	10.27	0.27	0.5	± 0.52	P

Notes

1.

95

The expanded uncertainty is given in the report by the standard uncertainty multiplied by the probability of about 95% when the factor k .

2. (Reference document)

JJF 1059.1-2012

(JJF 1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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