



JAB



Calibration Laboratory

Accreditation Certificate

Accreditation No. RCL00030

YUAI ELECTRONICS CO., LTD

***2-22-20, Kashinodai, Kawagoe-shi, Saitama, 350-1179
Japan***

meets the following criteria. On the basis of this, Japan Accreditation Board (JAB) grants accreditation to the said calibration laboratory.

Applicable accreditation criteria	: JIS Q 17025:2018 (ISO/IEC 17025:2017)
Scope of accreditation	: Electromagnetics(DC/Low Frequency) (As described in the appendix)
Premises covered by accreditation	: As described in the appendix.
Expiry date of accreditation	: June 30, 2023

Renewed (5)
Initial accreditation

June 27, 2019
June 2, 2000

Y. Iizuka, President

Japan Accreditation Board

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Type of Laboratory	Calibration Laboratory
Name of Laboratory	YUAI ELECTRONICS CO., LTD
Address	2-22-20, Kashinodai, Kawagoe-shi, Saitama, 350-1179 Japan

1) Premises on which calibration activities are performed

Name of Premises	YUAI ELECTRONICS CO.,LTD	
Address of Premises	Postal Code	350-1179
	Address	2-22-20, Kashinodai, Kawagoe-shi, Saitama, Japan
Calibration service at permanent facilities or on site calibration service	<input checked="" type="checkbox"/> Calibration service at permanent facilities <input type="checkbox"/> On site calibration service	

Scope of Accreditation

CODE OF CLASSIFICATION, QUANTITY MEASURAND / CALIBRATION ITEM	RANGE OF CALIBRATION	EXPANDED UNCERTAINTY (APPROXIMATELY 95 % COVERAGE PROBABILITY, $k = 2$)	CALIBRATION PROCEDURE, REMARKS
M11.5 DC resistance Measuring Instrument Resistance	1 Ω 10 Ω 10 k Ω	100 ppm 29 ppm 14 ppm	UCM-003-4 UCM-003-8,9,10,11,12 (in-house method)
M11.6 DC voltage Generator Voltage(+)	100 mV 1 V 10 V 100 V 1000 V	15 ppm 11 ppm 10 ppm 13 ppm 26 ppm	UCM-003-2 (in-house method) DC voltage generator (variable type, resolution: 1 ppm or better)
M11.6 DC voltage Measuring Instrument Voltage(+)	100 mV 1 V 10 V 100 V 1000 V	13 ppm 7 ppm 5 ppm 7 ppm 8 ppm	UCM-003-1 UCM-003-8,9,10,11,12 (in-house method)
M11.9 AC voltage Measuring Instrument Voltage(Frequency)	1 V (50 Hz) 10 V (50 Hz) 100 V (50 Hz) 1 V (60 Hz) 10 V (60 Hz) 100 V (60 HZ)	68 ppm 65 ppm 73 ppm 68 ppm 65 ppm 73 ppm	UCM-003-5 UCM-003-8,9,10,11,12 (in-house method)
M11.20 Direct current Measuring Instrument Current	10 mA 100 mA 1 A	40 ppm 53 ppm 93 ppm	UCM-003-6 UCM-003-8,9,10,11,12 (in-house method)

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CODE OF CLASSIFICATION, QUANTITY MEASURAND / CALIBRATION ITEM	RANGE OF CALIBRATION	EXPANDED UNCERTAINTY (APPROXIMATELY 95 % COVERAGE PROBABILITY, $k = 2$)	CALIBRATION PROCEDURE, REMARKS
M11.21 Alternating current Measuring Instrument Current(Frequency)	10 mA (50 Hz) 100 mA (50 Hz) 1 A (50 Hz) 10 mA (60 Hz) 100 mA (60 Hz) 1 A (60 Hz)	170 ppm 170 ppm 310 ppm 170 ppm 170 ppm 320 ppm	UCM-003-7 UCM-003-8,9,10,11,12 (in-house method)

Japan Accreditation Board