



Certificate No.L0360-150702

財團法人全國認證基金會
Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Chroma Ate Inc.

Physics Calibration Laboratory.

No.68, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2005
Accreditation Number : 0360
Originally Accredited : July 01, 1997
Effective Period : July 19, 2015 to July 18, 2018
Accredited Scope : Calibration Field, see described in the Appendix

Jay-San Chen
President, Taiwan Accreditation Foundation
Date : July 02, 2015



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Laboratory Head : CHIANG, Ming-Yao

Length

Calibration items	Calibration Method /Working Standard	Ranges	Smallest uncertainty
KA2003 digimatic caliper	E-04-22-037 /caliper calibrator Mitutoyo 515-555	Outside diameter: 0 mm to 300 mm (resolution:0.01 mm)	0.02 mm
		Inside diameter: 0 mm to 300 mm (resolution:0.01 mm)	0.02 mm

Mass/Force

Calibration items	Calibration Method /Working Standard	Ranges	Smallest uncertainty
KC4004 torque calibrator (Null below)	E-04-22-041 /1.torque arm 100 mm & 250 mm 2.dead weight 100 g to 20 kg	C.W.:	
		0.49 N m to 9.8 N m (5 kgf cm to 100 kgf cm)	0.61 %
		2.45 N m to 24.5 N m (25 kgf cm to 250 kgf cm)	0.49 %
		C.C.W.:	
		0.49 N m to 9.8 N m (5 kgf cm to 100 kgf cm)	0.61 %
		2.45 N m to 24.5 N m (25 kgf cm to 250 kgf cm)	0.45 %

Remarks : Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.

Approval Signatory	Scope
CHIANG, Ming-Yao	KA2003,KC4004