

Certificate of Calibration

Certificate no. : xx-xxx

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Customer : ###
Address : ###
: ###
Unit under calibration : Optical parallel thickness 12 mm
Manufacturer : xx-xxx
Serial/Control no. : ###
UUC condition : Good
Receipt no. : xx-xxx
Received date : xx-xxx
Calibration date : xx-xxx
Issued date : xx-xxx
Calibration method : Standard method base on JIS B 7430 and JIS B 7431 corresponding to laboratory's work instruction WI5-03-45.

Calibration standards :

Description	Certificate no.	Due date	Traceable thru
Laser CVI Melles Griot s/no fac 60 001.	DW-0011-23	May 13, 2028	NIMT
Reference flat serial no. FAC-60-002.	DN-0109-22	December 25, 2027	NIMT
Universal length measuring m/c sno. 02101.	CC569-01-0011	January 12, 2027	DCC
Thermometer 2290-8 V5.	CL1-T236041-43	August 7, 2028	IRPC
Gauge blocks 12.5 mm grade 1 s/no. 210310.	CC569-01-0097	February 4, 2030	DCC

Traceability :

The measurement standards traceable to The International System of Units (SI) through certificate as mentioned above.

Environment :

The calibration was performed within ambient temperature of $(20 \pm 0.5)^\circ\text{C}$ and relative humidity of $(55 \pm 10)\%$ RH.

Uncertainty of measurement :

The uncertainty stated is the expanded uncertainty which obtained by multiplying the standard uncertainty by coverage factor $k = 2$. It has been determined in accordance with EA publication EA-4/02 "Evaluation of the Uncertainty of Measurement in Calibration" and "Guide to the Expression of Uncertainty in Measurement (JCGM 100)". The values of assigned presents within the range of values probability of 95%.

Calibrated by :

#N/A

Technician

Approved by :

Mr.Chatchapol Jirojjaturonn

Laboratory manager

This certificate may not be reproduce other than in full acceptance with the permissible of Dimension Calibration Center Co., Ltd.

Calibration report

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Optical parallel thickness 12 mm serial no. xxx

Top	Bottom

Measurements		Meas. Uncertainty
Flatness top	#DIV/0!	#DIV/0!
Flatness bottom	#DIV/0!	
Parallelism	#DIV/0!	#DIV/0!
Thickness	#DIV/0!	#DIV/0!

Remark : 1.Flatness and Parallelism measurement unit in micrometers
2.Thickness measurement unit in millimeters

The calibration results was found accurate as shown on date and place of calibration only.

End certificate
