



SMSB

SENDI MAHIR SDN. BHD. (333138-T)

NO. 6, 8, 10 & 12, JALAN KAPAR 27/89, MEGAH INDUSTRIAL PARK,
SEKSYEN 27, 40400 SHAH ALAM, SELANGOR DARUL EHSAN, MALAYSIA.
TEL: 03-5191 7388 FAX: 03-5191 0675
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CERTIFICATE OF CALIBRATION

Certificate No. : SM21900087

Date of Issue : 02 Mar 2021

Issued By : Sendi Mahir Sdn Bhd

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Customer : WOO LAI FAT CONSTRUCTION & TRADING SDN BHD
NO.7-3, JALAN RADIN BAGUS 7,
BANDAR BARU SRI PETALING,
57000 KUALA LUMPUR

Instrument : Thermistor With Display

Calibration Date : 02 Mar 2021

Manufacturer : tpi

Recalibration Date : 02 Mar 2022

Model/Type : 315C

Specified By Customer

Serial No : -

Remark : The user should be aware that any numbers of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.

Capacity : -50 ~ 150°C

Resolution : 0.1°C

Calibration Environment Condition:

Condition Upon Receiving : Good in Physical Condition

Temperature : 23.7 to 24.0 °C

Relative Humidity : 47 to 50 %rh

Condition Upon Returning : Calibrated and Tested Serviceable.

Calibration Method : Internal Calibration Procedure(s) ICPT2

Calibration Venue : This Instrument has been calibrated at Sendi Mahir Sdn Bhd

Calibration Result : The result as following page(s). The expanded uncertainties are based on an estimated confidence probability of approximately at 95% and have a coverage factor of k=2 unless stated otherwise.

Reference Standard(s) Used :

Reference Standard Name	Serial No	Calibration Due Date	Traceable To
PLATINUM RESISTANCE THERMOMETER C/W READOUT	T057	09 May 2021	NMIM(MY)

Calibrated By:

Fatin Nur Shahira

Approved Signatory:

L.H. Seah

This certificate is issued in accordance with the conditions of accreditation granted by the SAMM which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realised at the corresponding national standards laboratory. The results of calibration performed by Sendi Mahir Sdn. Bhd. apply to the particular equipment at the time of its test. They do not indicate or imply that Sendi Mahir Sdn. Bhd. approves, recommends or endorses the manufacturers or suppliers or users of such equipment that Sendi Mahir Sdn. Bhd. in any way guarantees the equipment's performance after calibration. Test/calibrations marked "Not SAMM Accredited" in this report/certificate are not included in the SAMM Accreditation Schedule of our laboratory. Opinions and interpretations expressed herein are outside the scope of SAMM accreditation. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.



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Technical Information

Sensor Type : Thermistor

Manufacturer Specification : N/A

Readability : 0.1 °C

Calibration Results :

All Unit In : °C

Accuracy Test

Temperature Reading	Correction	
	Before Adjustment	After Adjustment
0	- 0.5	N/A
30	- 0.3	N/A
60	- 0.1	N/A
90	+ 0.1	N/A
120	+ 0.2	N/A
145	+ 0.3	N/A

Measurement Uncertainty : ± 0.2 °C

Note 1 : User Instrument Reading = Temperature Reading - Correction

Note 2 : To derive Temperature Reading = User Instrument Reading + Correction

Note 3 : Interpolation = Reading in between 2 test point may be derive by interpolate and plot a straight line graph where Temperature Reading(x-axis) Vs. Correction(y-axis).

Note 4 : Uncertainty = Parameter, associated with the result of measurement, that characterises the dispersion of the value that reasonably be attributed to the measurand.

Note 5 : If no adjustment was done refer to 'Correction before adjustment'. If adjustment was done refer to Correction after adjustment' to derive true value.

Note 6 : This instrument has been calibrated follow JIS C1602 : 2015 ; JIS C1604 : 2013 ; JIS C1611: 1995 : JIS Z8710: 1993 as a general guideline.

Note 7 : N/A = Not Available.