



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

Certificate of Accreditation

(Certificate No : L3281-230612)

This is to certify that

CHAMPIONTECH TECHNOLOGY CO.,LTD

CPT Calibration Center

No.216,Tuku 1st Rd.,Nanzi Dist.,Kaohsiung City 81164,Taiwan R.O.C

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2017 ; CNS 17025:2018

Accreditation Number : 3281

Originally Accredited : April 19, 2017

Effective Period : June 12, 2023 to June 11, 2026

Accredited Scope : Calibration Field, see described in the Appendix



Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
June 12, 2023

Accreditation Number : 3281

Laboratory Head : LIN, Chih-Ching

Temperature/Humidity

calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KE1002 platinum resistance thermometer /resistance temperature detector /thermistor	Fluke/5609	Resistance thermometer calibration procedure (CPT-CP-001)	≥ -20	℃	≤ 100	℃		0.043	℃
			>100	℃	≤ 300	℃		0.11	℃
Approval Signatory: LIN, Chih-Ching									
KE1004 Thermocouple	Championtech/W-005 (100 ℃ to 1200 ℃) Fluke/5609 (-20 ℃ to 300 ℃)	Thermocouple thermometer calibration procedure (CPT-CP-002)	≥ 0	℃	≤ 300	℃	R 、 S	0.11	℃
			>300	℃	≤ 500	℃	R 、 S	2.0	℃
			>500	℃	≤ 1100	℃	R 、 S	2.9	℃
			>1100	℃	≤ 1200	℃	R 、 S	2.9	℃
			≥ 200	℃	≤ 300	℃	B	0.16	℃
			>300	℃	≤ 500	℃	B	2.0	℃
			>500	℃	≤ 1100	℃	B	2.9	℃
			>1100	℃	≤ 1200	℃	B	2.9	℃



calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KE1004 Thermocouple	Championtech/W-005 (100 °C to 1200 °C) Fluke/5609 (-20 °C to 300 °C)	Thermocouple thermometer calibration procedure (CPT-CP-002)	≥ -20	°C	≤ 300	°C	K、N	0.11	°C
			>300	°C	≤ 500	°C	K、N	2.0	°C
			>500	°C	≤ 1100	°C	K、N	2.9	°C
			>1100	°C	≤ 1200	°C	K、N	2.9	°C
			≥ -20	°C	≤ 300	°C	J、E	0.11	°C
			>300	°C	≤ 500	°C	J、E	2.0	°C
			>500	°C	≤ 1000	°C	J、E	2.9	°C
			≥ -20	°C	≤ 300	°C	T	0.11	°C
Approval Signatory: LIN, Chih-Ching									
KE1005 Thermocouple thermometer	Championtech/W-005 (100 °C to 1200 °C) Fluke/5609 (-20 °C to 300 °C)	Thermocouple thermometer calibration procedure (CPT-CP-002)	≥ 0	°C	≤ 300	°C	R、S	0.11	°C
			>300	°C	≤ 500	°C	R、S	2.0	°C
			>500	°C	≤ 1100	°C	R、S	2.9	°C
			>1100	°C	≤ 1200	°C	R、S	2.9	°C
			≥ 200	°C	≤ 300	°C	B	0.16	°C
			>300	°C	≤ 500	°C	B	2.0	°C
			>500	°C	≤ 1100	°C	B	2.9	°C
			>1100	°C	≤ 1200	°C	B	2.9	°C
			≥ -20	°C	≤ 300	°C	K、N	0.11	°C
			>300	°C	≤ 500	°C	K、N	2.0	°C
			>500	°C	≤ 1100	°C	K、N	2.9	°C
			>1100	°C	≤ 1200	°C	K、N	2.9	°C



calibration items	working standard	calibration method	measurand level or range				measurement conditions /independent variable	smallest uncertainty	
	brand /model	document name /no.	minimum value	units	maximum value	units	explanation	value	units
KE1005 Thermocouple thermometer	Championtech/W-005 (100 °C to 1200 °C) Fluke/5609 (-20 °C to 300 °C)	Thermocouple thermometer calibration procedure (CPT-CP-002)	≥ -20	°C	≤ 300	°C	J、E	0.11	°C
			>300	°C	≤ 500	°C	J、E	2.0	°C
			>500	°C	≤ 1000	°C	J、E	2.9	°C
			≥ -20	°C	≤ 300	°C	T	0.11	°C
Approval Signatory: LIN, Chih-Ching									

Note: Smallest uncertainty represents an expanded uncertainty using a coverage factor approximately 95 % level of confidence.
(Null Below)

