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

Certificate of Accreditation

(Certificate No: L0934-230829)

This is to certify that

Intertech Technology Inc.

Temperature Calibration Laboratory

1F, No. 82, Guangming 14th St., Zhubei City, Hsinchu County 302006, Taiwan (R.O.C.)

is accredited in respect of laboratory

Accreditation Criteria	:	ISO/IEC 17025: 2017; CNS 17025: 2018
Accreditation Number	:	0934
Originally Accredited	:	July 01, 2002
Effective Period	:	August 14, 2023 to August 13, 2026
Accredited Scope	:	Calibration Field, see described in the Appendix

Scan to verify

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
August 29, 2023

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

Accreditation Number : 0934
Laboratory Head : CHENG, Jack

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
KE1004 Thermocouple	Johnson Matthey/R Johnson Matthey/B keithley 2700	Thermocouple calibration procedure (Document No.: QP70201)	300	℃	700	℃	type B	0.9	℃
			> 700	℃	800	℃	type B	1.0	℃
			> 800	℃	1000	℃	type B	1.1	℃
			> 1000	℃	1100	℃	type B	1.2	℃
			> 1100	℃	1200	℃	type B	2.3	℃
			0	℃	100	℃	type R	0.5	℃
			> 100	℃	400	℃	type R	0.7	℃
			> 400	℃	500	℃	type R	0.8	℃
			> 500	℃	700	℃	type R	0.9	℃
			> 700	℃	800	℃	type R	1.0	℃
			> 800	℃	900	℃	type R	1.1	℃
			> 900	℃	1100	℃	type R	1.2	℃
			> 1100	℃	1200	℃	type R	2.4	℃
			0	℃	100	℃	type S	0.5	℃
			> 100	℃	200	℃	type S	0.6	℃
			> 200	℃	400	℃	type S	0.7	℃
			> 400	℃	500	℃	type S	0.8	℃
			> 500	℃	600	℃	type S	0.9	℃

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	Johnson Matthey/R Johnson Matthey/B keithley 2700	Thermocouple calibration procedure (Document No.: QP70201)	> 600	℃	800	℃	type S	1.0	℃
			> 800	℃	900	℃	type S	1.1	℃
			> 900	℃	1000	℃	type S	1.2	℃
			> 1000	℃	1100	℃	type S	1.3	℃
			> 1100	℃	1200	℃	type S	2.4	℃
			0	℃	100	℃	type K	0.6	℃
			> 100	℃	300	℃	type K	0.7	℃
			> 300	℃	400	℃	type K	0.8	℃
			> 400	℃	500	℃	type K	0.9	℃
			> 500	℃	600	℃	type K	1.0	℃
			> 600	℃	800	℃	type K	1.1	℃
			> 800	℃	900	℃	type K	1.3	℃
			> 900	℃	1000	℃	type K	1.4	℃
			> 1000	℃	1100	℃	type K	1.6	℃
			> 1100	℃	1200	℃	type K	2.7	℃
			0	℃	100	℃	type E	0.5	℃
			> 100	℃	300	℃	type E	0.7	℃
			> 300	℃	500	℃	type E	0.8	℃
			> 500	℃	600	℃	type E	0.9	℃
			> 600	℃	700	℃	type E	1.0	℃
			> 700	℃	800	℃	type E	1.1	℃
			> 800	℃	900	℃	type E	1.4	℃
			> 900	℃	1000	℃	type E	1.5	℃
			0	℃	100	℃	type J	0.6	℃

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	Johnson Matthey/R Johnson Matthey/B keithley 2700	Thermocouple calibration procedure (Document No.: QP70201)	> 100	℃	300	℃	type J	0.8	℃
			> 300	℃	500	℃	type J	1.0	℃
			> 500	℃	800	℃	type J	1.2	℃
			> 800	℃	900	℃	type J	1.3	℃
			> 900	℃	1000	℃	type J	1.5	℃
			0	℃	100	℃	type T	0.5	℃
			> 100	℃	300	℃	type T	0.7	℃
			> 300	℃	400	℃	type T	0.8	℃
			0	℃	100	℃	type N	0.5	℃
			> 100	℃	300	℃	type N	0.7	℃
			> 300	℃	500	℃	type N	0.8	℃
			> 500	℃	600	℃	type N	0.9	℃
			> 600	℃	700	℃	type N	1.0	℃
			> 700	℃	800	℃	type N	1.1	℃
			> 800	℃	900	℃	type N	1.2	℃
			> 900	℃	1000	℃	type N	1.3	℃
			> 1000	℃	1100	℃	type N	1.5	℃
			> 1100	℃	1200	℃	type N	2.6	℃
Approval Signatory: LIN, Anna; CHENG, Jack									

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