



NA Caltechnologies Co., Ltd.
75/107 Moo 11, Klong Nueng, Klongluang,
Pathumthani 12120 Thailand, Tel. +66(2)529-2460
Email: sales-cal@nocal.co.th



Rev. 12 (January 2023)

Scopes of Calibration and Accreditation

Field of Calibration	Properties of Measured / Equipment Under Calibration	Capability Range	Calibration Methods	ISO/IEC 17025 Accredited by		ISO/IEC 17025 Accredited by	
				ONSC-TISI (Thailand)		ANAB (USA)	
				LAB	ON-SITE	LAB	ON-SITE
Temp. & Relative Humidity	Temperature Indicators / Simulators - Soldering Iron Testers - Digital Thermometer (Without sensor) - Dip Testers - Reflow Checkers (Without sensor) - Profile Checkers (Without sensor) - Memory Unit / M.O.L.E - Data Logger (Without sensor) - Temperature Recorders - Hybrid Recorders - Temperature Controllers - Temperature Calibrators - Thermocouple Calibrators - RTD Calibrators - Handy Temperature Calibrators	Thermocouple: All Types RTD: All Types	EURAMET/cg-11	Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
	Thermometers - PRT/RTD Sensors [Pt-100, 4W] - PRT/RTD Sensors [Other Types] - Thermister Sensors - Thermocouple Sensor [Type E,J,K,N,T] - Thermocouple Sensor [Type R,S] - Thermocouple Surface Sensor [All Types] - Liquid-in-glass Thermometers [Total Immersion Type] - Psychrometers - Liquid-in-glass Thermometers [Partial Immersion Type] - Dial Thermometers - Temperature Gauges - Digital Thermometer with Sensor - Data Logger with Sensor - Temperature Controller with Sensor - Temperature Recorder with Sensor - Digital Thermometer with Surface Sensor - Temperature Controller with Surface Sensor - Temperature Recorder with Surface Sensor	Temp: -40°C to +1,200°C	Comparison with SPRTs	Yes	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes
				Yes	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes
				Yes	-	Yes	Yes
	Temperature Sources - Dry Block Calibrators - Testing Water Bath - Testing Oil Bath - Precision Calibration Bath - Liquid Calibration Bath - Micro Bath - Temperature Heaters	Temp: -80°C to +1200°C	EURAMET / cg-13 and Comparison with SPRT	Yes	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				-	-	Yes	Yes
	Temperature Chambers / Furnace - Temperature Ovens - Temperature Chambers - Temperature / Humidity Chambers - Refrigerators - Freezers - Incubators - Autoclave - Furnace	Temp: -80°C to +1200°C	TLAS G-20 Comparison with PRT Comparison with PRT/TC	-	Yes	Yes	Yes
				-	Yes	Yes	Yes
				-	Yes*	Yes	Yes
				-	Yes	Yes	Yes
				-	Yes	Yes	Yes
				-	Yes	Yes	Yes
				-	Yes	Yes	Yes
	Thermo-Hygrometers - Thermo-Hygrograph (With adjustment) - Analog Thermo-Hygrometers - Digital Thermo-Hygrometers - Thermo-Hygro Logger - Temperature Transmitters - Humidity Transmitters	Temp: -40°C to +150°C Rel. Hum: 15 to 95%rh	Comparison with PRT and Humidity Standard	Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				Yes	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes
	Infrared Thermometers - Thermal Imagers - Thermal Cameras - Infrared Thermometers	Temp: -40°C to +1,200°C	Comparison with PRT and Infrared Calibrator	-	-	Yes	Yes
				-	-	Yes	Yes
				-	-	Yes	Yes

Yes = Accredited ISO/IEC 17025
- = Not accredited scopes of ISO/IEC 17025