

**Price list**  
**Photometry and Temperature Standards Laboratory (PTL)**

ITEMS	PARAMETER	RANGE	ACCREDITATION	METHOD	PRICE / Bath	REMARK
Photometry	<b>Standard Incandescent Lamp</b>	30 ~ 1700 Cd	ISO 17025	JIS C 7613-1985	5,000	
	<b>Lux Meter / Illuminance Meter</b> - First Range (5 point) - Next Range (5 point per range)	0 ~ 5000 lux	ISO 17025	Inverse Square Law	1,200 400	
Temperature	<b>Platinum Resistance Thermometer Probe (PRT)</b>	- 80 °C ~ 400 °C	ISO 17025	Comparison Technique	7,000	Secondary Standard Level
	<b>Digital Thermometer with Sensor (PRT)</b>	- 80 °C ~ 400 °C	ISO 17025	Comparison Technique	7,000	Standard Level
	<b>Resistance Thermometer Detector (Industrial Probe)</b> - First Temperature point - Next Temperature point	- 80 °C ~ 0 °C	ISO 17025	Comparison Technique	1,500 500	
	- First Temperature point - Next Temperature point	> 0 °C ~ 400 °C			1,000 500	
	<b>Liquid in Glass Thermometer</b> - First Temperature point - Next Temperature point	- 80 °C ~ 0 °C	ISO 17025	Comparison Technique	1,000 500	
	- First Temperature point - Next Temperature point	> 0 °C ~ 200 °C			1,000 300	
	- First Temperature point - Next Temperature point	> 200 °C ~ 400 °C			1,000 500	
	<b>Indicator / Recorder</b> - First range - Next range	<b>Full range</b>			ISO 17025	Feeding Standard EMF and Standard Resistance
	<b>Digital Thermometer with Sensor (RTD / TC)</b> - First Temperature point - Next Temperature point	- 80 °C ~ 0 °C	ISO 17025	Comparison Technique	1,500 500	
	- First Temperature point - Next Temperature point	> 0 °C ~ 400 °C			1,000 500	
	<b>Standard Thermocouple Probe (Type R / S)</b>	0°C ~ 950 °C	ISO 17025	EAGL – 31 and EA 10 / 08	5,000	
	<b>Digital Thermometer with Thermocouple Sensor</b> - First Temperature point - Next Temperature point	200 °C ~ 950 °C	ISO 17025	EAGL – 31 and EA 10 / 08	1,000 300	

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Temperature	<b>Oven</b>	50 °C ~ 250 °C	ISO 17025	TLAS G-20 , BS 2646 , ASTM E 715-80	2,000 300	Calibrate at Laboratory Bangpoo MTC
	<b>Incubator</b>	20 °C ~ 55 °C				
	<b>Refrigerator</b>	0 °C ~ 10 °C				
	<b>Autoclave</b>	110 °C ~ 125 °C				
	<b>Liquid Bath</b>	0 °C ~ 100 °C				
	- First Temperature point					
	- Next Temperature point					
Freezer	- First Temperature point	-40 °C / 0 °C	ISO 17025	TLAS G-20	2,000 300	Calibrate at Laboratory Bangpoo MTC
	- Next Temperature point					
	- First Temperature point	-80 °C ~ - 40 °C				
Furnace	- First Temperature point	200 °C ~ 950 °C	ISO 17025	BS 4309 -1968	2,000 300	Calibrate at Laboratory Bangpoo MTC
	- Next Temperature point					
Dry Block Furnace (Permanent Laboratory , Bangpoo)	- First Temperature point (Check Performance)	50 °C ~ 400 °C	ISO 17025	EA 10 / 13	5,000 1,000 500	
	- First Temperature point (Full Depth Immersion)					
	- Next Temperature point					
COD , Digester, Heating Block (Permanent Laboratory, Bangpoo)	- First Temperature point (1-10 Hole)	100 °C ~ 150 °C	Non accredit ISO 17025	Comparison Technique	2,000 50 300	
	Next Hole					
	- Next Temperature point					
Humidity	<b>Thermo-Hygrograph / Hygrometer (Temperature Calibration)</b>	10°C ~ 40°C	ISO 17025	Comparison Technique	1,000 300	
	- First Temperature point					
Humidity	<b>Thermo-Hygrograph / Hygrometer (Humidity Calibration)</b>	30% RH ~ 80% RH	ISO 17025	JIS-Z 8806 -1995	1,200 500	
	- First Humidity point					
	- Next Humidity point					
Heat Stress Monitor (Temperature Calibration)	- First Temperature point	10 °C ~ 40 °C	Non accredit ISO 17025	Comparison Technique	1,200 500	
	- Next Temperature point					
Electric	Resistance Box	25 ohm	ISO 17025	Direc measurement	1,500	Stroage in oil
		100 ohm			1,500	
		200 ohm			1,500	
		400 ohm			1,500	