

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)
1	Temperature Chamber (Bain Marie, Ovens, Incubators, Refrigerators, Freezers & Chamber)	-40 to 0 °C	0.057 °C
		0 to 550 °C	0.068 °C
2	Furnace & Bath Calibrators	-40 to 0 °C	0.057 °C
		0 to 650 °C	0.068 °C
		650 to 1100 °C	0.92 °C
		1100 to 1200 °C	2.09 °C
3	Liquid in Glass Thermometers	-40 to 30 °C	0.06 °C
		30 to 250 °C	0.07 °C
4	Contact, Bimetallic & Filled System Thermometers	-40 to 30 °C	0.06 °C
		30 to 250 °C	0.07 °C
5	Contactless Thermometers (Radiation)	50 to 500 °C	0.17 °C
6	Soldering Stations	Up to 600 °C	1.2 °C

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)
7	Resistance Thermometer	-40 to 30 °C	0.06 °C
		30 to 250 °C	0.07 °C
		250 to 650 °C	0.54 °C
8	Thermocouples	-40 to 30 °C	0.46
		30 to 250 °C	0.30 °C
		250 to 650 °C	0.58 °C
		650 to 1100 °C	1.5 °C
		1100 to 1200 °C	2.4 °C

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)
9	Environmental Thermometer	Temperature	-10 to 60 °C
		Humidity	10 to 75% RH
			75 to 95% RH
10	Autoclave	Temperature	50 to 150 °C
		Pressure	Up to 5 bar

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)
	Resistance Thermal Indicators	Pt 100 (385)	-200 to 100 °C
		Pt 100 (385)	100 to 800 °C
		Pt 100 (3916)	-200 to 100 °C
		Pt 100 (3916)	100 to 630 °C
		Pt 100 (3926)	-200 to 100 °C
		Pt 100 (3926)	100 to 630 °C
		Pt 200	-200 to 100 °C
		Pt 200	100 to 630 °C
		Pt 500	-200 to 100 °C
		Pt 500	100 to 630 °C
		Pt 1000	-200 to 100 °C
		Pt 1000	100 to 630 °C

## Temperature

## Temperature

No.	Quantity, Measuring Instrument, Material Measure		Range	Best Measurement Capability lab(±)
No.	Quantity, Measuring Instrument, Material Measure		Range	Best Measurement Capability lab(±)
11	Resistance Thermal Indicators	Cu 10	-100 to 260 °C	0.23 °C
		Ni 120	-80 to 260 °C	0.05 °C
12	Thermocouple Indicators	Type E	-250 to -200 °C	0.70 °C
		Type E	-200 to 600 °C	0.35 °C
		Type E	600 to 1000 °C	0.23 °C
		Type N	-200 to -100 °C	0.70 °C
		Type N	-100 to 900 °C	0.58 °C
		Type N	900 to 1300 °C	0.35 °C
		Type K	-200 to -100 °C	0.46 °C
		Type K	-100 to 1372 °C	0.35 °C
		Type B	600 to 800 °C	1.15 °C
		Type B	800 to 1820 °C	0.92 °C

## Temperature

No.	Quantity, Measuring Instrument, Material Measure		Range	Best Measurement Capability lab(±)
12	Thermocouple Indicators	Type J	-210 to -100 °C	0.35 °C
		Type J	-100 to 800 °C	0.23 °C
		Type J	800 to 1200 °C	0.35 °C
		Type T	-250 to -200 °C	1.04 °C
		Type T	-200 to 0 °C	0.46 °C
		Type T	0 to 400 °C	0.35 °C

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)	
		Type R	-20 to 0 °C	1.40 °C
		Type R	0 to 100 °C	1.27 °C
		Type R	100 to 1767 °C	1.04 °C
		Type S	-20 to 0 °C	1.40 °C
		Type S	0 to 200 °C	1.27 °C
		Type S	200 to 1400 °C	1.04 °C

## Temperature

No.	Quantity, Measuring Instrument, Material Measure	Range	Best Measurement Capability lab(±)	
12	Thermocouple Indicators	Type S	1400 to 1767 °C	1.15 °C
		Type C	0 to 800 °C	0.70 °C
		Type C	800 to 1200 °C	0.80 °C
		Type C	1200 to 1800 °C	1.04 °C
		Type C	1800 to 2316 °C	1.50 °C
		Type L	-200 to -100 °C	0.35 °C
		Type L	-100 to 900 °C	0.23 °C
		Type U	-200 to 0 °C	0.46 °C
		Type U	0 to 600 °C	0.35 °C
		Type BP	0 to 1000 °C	0.46 °C
		Type BP	1000 to 2000 °C	0.70 °C
		Type BP	2000 to 2500 °C	0.92 °C

## 3- Temperature

## Temperature

No.	Quantity, Measuring Instrument, Material Measure		Range	Best Measurement Capability lab(±)
No.	Quantity, Measuring Instrument, Material Measure		Range	Best Measurement Capability lab(±)
12	Thermocouple Indicators	Type XK	-200 to 300 °C	0.23 °C
		Type XK	300 to 800 °C	0.35 °C