



CALIBRATION SERVICES

# Temperature, Pressure & Humidity Testing Equipment

A detailed list of fully accredited calibration services for temperature & humidity equipment.

Equipment Type	Range	Accredited	In-House	On-Site
<b>Temperature Meter</b> <i>(with electrical signal and internal wiring)</i>	Type B: 600°C to 1820°C Type C: 0°C to 2316°C Type E: -250°C to 1000°C Type J: -210°C to 1200°C Type K: -200°C to 1372°C Type L: -200°C to 900°C Type N: -200°C to 1300°C Type R: 0°C to 1767°C Type S: 0°C to 1767°C Type T: -250°C to 400°C Type U: -200°C to 600°C RTD (PT385 100ohm): -200°C to 800°C	X	X	X
<b>Temperature Meter</b> <i>(with electrical signal and external wiring)</i>	Type B: 600°C to 1820°C Type C: 0°C to 2316°C Type E: -250°C to 1000°C Type J: -210°C to 1200°C Type K: -200°C to 1372°C Type L: -200°C to 900°C Type N: -200°C to 1300°C Type R: 0°C to 1767°C Type S: 0°C to 1767°C Type T: -250°C to 400°C Type U: -200°C to 600°C RTD (PT385 100ohm): -200°C to 800°C	X	X	X
<b>Temperature sensor with indicator</b> <i>(with metrology well)</i>	Type C: 0°C to 400°C Type E: -45°C to 400°C Type J: -45°C to 400°C Type K: -45°C to 400°C Type L: -45°C to 400°C Type N: -45°C to 400°C Type R: 0°C to 400°C Type S: 0°C to 400°C Type T: -250°C to 400°C Type U: -200°C to 400°C RTD (PT385 100ohm): -200°C to 400°C	X	X	X
<b>Temperature sensor without indicator</b> <i>(with metrology well)</i>	Type C: 0°C to 400°C Type E: -45°C to 400°C Type J: -45°C to 400°C Type K: -45°C to 400°C Type L: -45°C to 400°C Type N: -45°C to 400°C Type R: 0°C to 400°C Type S: 0°C to 400°C Type T: -250°C to 400°C Type U: -200°C to 400°C	X	X	X
<b>Temperature sensor without indicator</b> <i>(with metrology well)</i>	RTD (PT385 100ohm): -200°C to 400°C	X	X	X

To learn more, visit [UL.com/CaragateLab](http://UL.com/CaragateLab) or contact [Dario.Rivoltella@ul.com](mailto:Dario.Rivoltella@ul.com).



Equipment Type	Range	Accredited	In-House	On-Site
<b>Surface Temperature sensor</b>	Type C: 0°C to 400°C Type E: -45°C to 400°C Type J: -45°C to 400°C Type K: -45°C to 400°C Type L: -45°C to 400°C Type N: -45°C to 400°C Type R: 0°C to 400°C Type S: 0°C to 400°C Type T: -250°C to 400°C Type U: -200°C to 400°C		X	X
<b>Temperature Simulator</b>	Type B: 600°C to 1820°C Type C: 0°C to 2316°C Type E: -250°C to 1000°C Type J: -210°C to 1200°C Type K: -200°C to 1372°C Type L: -200°C to 900°C Type N: -200°C to 1300°C Type R: 0°C to 1767°C Type S: 0°C to 1767°C Type T: -250°C to 400°C Type U: -200°C to 600°C RTD (PT385 100ohm): -200°C to 800°C	X	X	X
<b>Climatic Chamber/Oven</b>	Temperature: -45°C to 260°C	X		X
<b>Climatic Chamber</b>	Relative Humidity: 20%RH to 95%RH@18±28°C	X		X
<b>Climatic Chamber</b>	Air velocity: 0,2÷5m/s			X
<b>Temperature source</b>	Temperature: -45°C to 260°C	X		X
<b>Climatic Central Unit</b>	Temperature: 0°C to 60°C	X	X	X
<b>Climatic Central Unit</b>	Relative Humidity: 5%RH to 95%RH	X	X	X
<b>Climatic Central Unit</b>	Barometric Pressure: 800 to 1100mbar	X	X	X
<b>Barometric Pressure Meter</b>	Barometric Pressure: 800 to 1100mbar	X	X	X
<b>Manometer</b>	Pressure: -0,8bar to 700bar	X	X	
<b>Pressure Transducers</b> <i>(with indicator)</i>	Pressure: -0,8bar to 700bar	X	X	
<b>Pressure Transducers</b> <i>(without indicator)</i>	Pressure: -0,8bar to 700bar	X	X	

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