

# Temperature Ranges

## for Dial Thermometers

Trerice offers a variety of temperature ranges to satisfy virtually any application. The following tables list the standard available ranges, with figure intervals and minor divisions for Vapor, Liquid and Mercury Actuated Dial Thermometers.

Vapor Actuated Dial Thermometers have a progressive scale. Maximum readability and stated intervals are in the upper  $\frac{2}{3}$  of the scale. Liquid and Mercury Actuated Dial Thermometers have a linear scale. Intervals and divisions are equal throughout the range.

Fahrenheit is primary (outside) scale on dual scale ranges.

### Vapor Actuated Ranges

Fahrenheit Ranges		Celsius Ranges		Dual Scale Ranges		Fahrenheit		Celsius	
Range Code	Range	Range Code	Range	Range Code	Range	Major Intervals	Minor Divisions	Major Intervals	Minor Divisions
030	-40° to 150°F	430	-40° to 65°C	230	-40° to 150°F & -40° to 65°C	20°	2°	5°	1°
040	-20° to 100°F	440	-30° to 40°C	240	-20° to 100°F & -30° to 40°C	10°	2°	5°	1°
050	0° to 100°F	450	-20° to 40°C	250	0° to 100°F & -20° to 40°C	10°	1°	10°	1°
065	0° to 160°F	465	-20° to 70°C	265	0° to 160°F & -20° to 70°C	10°	2°	10°	1°
100	30° to 180°F	500	0° to 85°C	300	30° to 180°F & 0° to 85°C	10°	2°	10°	1°
110	30° to 240°F	510	0° to 115°C	310	30° to 240°F & 0° to 115°C	20°	2°	10°	1°
120	30° to 300°F	520	0° to 150°C	320	30° to 300°F & 0° to 150°C	10°	2°	10°	1°
145	100° to 350°F	545	40° to 180°C	345	100° to 350°F & 40° to 180°C	20°	2°	10°	1°
160	200° to 450°F	560	90° to 230°C	360	200° to 450°F & 90° to 230°C	20°	2°	10°	2°

Vapor actuated dial thermometers have a progressive scale. Maximum readability and stated intervals are in the upper  $\frac{2}{3}$  of the scale.

### Liquid Actuated Ranges

Fahrenheit Ranges		Celsius Ranges		Dual Scale Ranges		Fahrenheit		Celsius	
Range Code	Range	Range Code	Range	Range Code	Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
020	-40° to 120°F	420	-40° to 50°C	220	-40° to 120°F & -40° to 50°C	20°	2°	10°	1°
050	0° to 100°F	450	-20° to 40°C	250	0° to 100°F & -20° to 40°C	10°	1°	10°	.5°
060	0° to 160°F	460	-20° to 70°C	260	0° to 160°F & -20° to 70°C	20°	2°	10°	1°
100	30° to 180°F	495	0° to 80°C	300	30° to 180°F & 0° to 85°C	10°	2°	10°	1°
110	30° to 240°F	510	0° to 115°C	310	30° to 240°F & 0° to 115°C	20°	2°	10°	1°
130	50° to 300°F	530	10° to 150°C	330	50° to 300°F & 10° to 150°C	30°	5°	30°	2°

Liquid actuated dial thermometers have a linear scale. Figure intervals are equal throughout the range.

### Mercury Actuated Ranges

Fahrenheit Ranges		Celsius Ranges		Dual Scale Ranges		Fahrenheit		Celsius	
Range Code	Range	Range Code	Range	Range Code	Range	Figure Intervals	Minor Divisions	Figure Intervals	Minor Divisions
220	-40° to 120°F	420	-40° to 50°C	220	-40° to 120°F & -40° to 50°C	20°	2°	10°	1°
050	0° to 100°F	450	-20° to 40°C	250	0° to 100°F & -20° to 40°C	10°	1°	10°	.5°
060	0° to 160°F	460	-20° to 70°C	260	0° to 160°F & -20° to 70°C	20°	2°	10°	1°
100	30° to 180°F	495	0° to 80°C	300	30° to 180°F & 0° to 82°C	20°	2°	10°	1°
110	30° to 240°F	510	0° to 115°C	310	30° to 240°F & 0° to 115°C	20°	2°	10°	1°
070	0° to 300°F	470	-20° to 150°C	270	0° to 300°F & -20° to 150°C	50°	5°	20°	2°
080	0° to 400°F	480	-20° to 200°C	280	0° to 400°F & -20° to 200°C	50°	5°	20°	2°
090	0° to 600°F	490	-20° to 320°C	290	0° to 600°F & -20° to 320°C	50°	10°	40°	5°
155	150° to 750°F	555	50° to 400°C	355	150° to 750°F & 50° to 400°C	100°	5°	50°	5°
175	200° to 1000°F	575	100° to 550°C	375	200° to 1000°F & 100° to 550°C	100°	10°	50°	5°

Mercury actuated dial thermometers have a linear scale. Figure intervals are equal throughout the range.