

Thermometer probes

Platinum resistance thermometers (PRTs)			
Model	Range	Size	Basic Accuracy†
Secondary standard PRT			
5608-9-X	-200 °C to 500 °C	229 mm x 3.18 mm (9 in x 0.125 in)	Select from available calibration options
5608-12-X	-200 °C to 500 °C	305 mm x 3.18 mm (12 in x 0.125 in)	
5609-12-X	-200 °C to 670 °C	305 mm x 6.35 mm (12 in x 0.25 in)	
5609-15-X	-200 °C to 670 °C	381 mm x 6.35 mm (15 in x 0.25 in)	
5609-20-X	-200 °C to 670 °C	508 mm x 6.35 mm (20 in x 0.25 in)	
5609-300-X	-200 °C to 670 °C	300 mm x 6 mm (11.81 in x 0.24 in)	
5609-400-X	-200 °C to 670 °C	400 mm x 6 mm (15.75 in x 0.24 in)	
5609-500-X	-200 °C to 670 °C	500 mm x 6 mm (19.69 in x 0.24 in)	
5626	-200 °C to 661 °C	305 or 381 mm x 6.35 mm (12 or 15 in x 0.25 in)	± 0.007 °C at 0 °C
5628	-200 °C to 661 °C	305 or 381 mm x 6.35 mm (12 or 15 in x 0.25 in)	± 0.006 °C at 0 °C
Secondary reference PRT			
5616-12	-200 °C to 420 °C	298 mm x 6.35 mm (11.73 in x 0.25 in)	± 0.010 °C at 0.010 °C
5615-6	-200 °C to 300 °C	152 mm x 4.76 mm (6 in x 0.19 in)	± 0.013 °C at 0.010 °C
5615-9	-200 °C to 420 °C	229 mm x 4.76 mm (9 in x 0.19 in)	± 0.013 °C at 0.010 °C
5615-12	-200 °C to 420 °C	305 mm x 6.35 mm (12 in x 0.25 in)	± 0.013 °C at 0.010 °C
Precision industrial PRT			
5627A-6	-200 °C to 300 °C	152 mm x 4.7 mm (6 in x 0.19 in)	± 0.05 °C at 0 °C
5627A-9	-200 °C to 300 °C	229 mm x 4.7 mm (9 in x 0.19 in)	± 0.05 °C at 0 °C
5627A-12	-200 °C to 420 °C	305 mm x 6.35 mm (12 in x 0.25 in)	± 0.05 °C at 0 °C
Fast response PRT			
5622-05	-200 °C to 350 °C	100 mm x 0.5 mm (3.94 in x 0.02 in)	± 0.04 °C at 0 °C
5622-10	-200 °C to 350 °C	100 mm x 1.0 mm (3.94 in x 0.04 in)	± 0.04 °C at 0 °C
5622-16	-200 °C to 350 °C	200 mm x 1.6 mm (7.87 in x 0.06 in)	± 0.04 °C at 0 °C
5622-32	-200 °C to 350 °C	200 mm x 3.2 mm (7.87 in x 0.125 in)	± 0.04 °C at 0 °C
Small diameter industrial PRTs			
5618B-6	-200 °C to 300 °C	152 mm x 3.2 mm (6 in x 0.125 in)	± 0.05 °C
5618B-9	-200 °C to 500 °C	229 mm x 3.2 mm (9 in x 0.125 in)	± 0.05 °C
5618B-12	-200 °C to 500 °C	305 mm x 3.2 mm (12 in x 0.125 in)	± 0.05 °C
Full immersion PRTs			
5606 Immersion PRT	-200 °C to 160 °C	50 mm x 3.2 mm (1.97 in x 0.125 in)	± 0.05 °C
5623B Freezer Probe	-100 °C to 156 °C	152 mm x 6.35 mm (6 in x 0.25 in)	± 0.05 °C
High temperature PRT			
5624	0 °C to 1000 °C	508 mm x 6.35 mm (20 in x 0.25 in)	± 0.055 °C
Thermistors			
Standards			
5640	0 °C to 60 °C	229 mm x 6.35 mm (9 in x 0.25 in)	± 0.0015 °C
5641	0 °C to 60 °C	114 mm x 3.2 mm (4.5 in x 0.125 in)	± 0.001 °C
5642	0 °C to 60 °C	229 mm x 3.2 mm (9 in x 0.125 in)	± 0.001 °C
5643	0 °C to 100 °C	114 mm x 3.2 mm (4.5 in x 0.125 in)	± 0.0025 °C
5644	0 °C to 100 °C	229 mm x 3.2 mm (9 in x 0.125 in)	± 0.0025 °C
Secondary probes			
5610	0 °C to 100 °C	152 or 229 mm x 3.2 mm (6 or 9 in x 0.125 in)	± 0.01 °C
5611A	0 °C to 100 °C	1.5 mm (0.06 in) tip dia.	± 0.01 °C
5611T	0 °C to 100 °C	28 mm x 3 mm (1.1 in x 0.12 in)	± 0.01 °C
5665	0 °C to 100 °C	76 mm x 3.2 mm (3 in x 0.125 in)	± 0.01 °C
Thermocouples			
Type R and S standards			
5649/5650-20	0 °C to 1450 °C	508 mm x 6.35 mm (20 in x 0.25 in)	± 0.7 °C at 1100 °C
5649/5650-20C	0 °C to 1450 °C	508 mm x 6.35 mm (20 in x 0.25 in)	± 0.7 °C at 1100 °C
5649/5650-25	0 °C to 1450 °C	635 mm x 6.35 mm (25 in x 0.25 in)	± 0.7 °C at 1100 °C
5649/5650-25C	0 °C to 1450 °C	635 mm x 6.35 mm (25 in x 0.25 in)	± 0.7 °C at 1100 °C

†“Basic Accuracy” includes calibration uncertainty and short-term repeatability. It does not include long-term drift.