

Industrial temperature calibrators

Field metrology wells		
Model	Range	Accuracy
9190A	-95 °C to 140 °C (-139 °F to 284 °F)	± 0.2 °C
9142	-25 °C to 150 °C (-13 °F to 302 °F)	± 0.2 °C
9143	33 °C to 350 °C (91 °F to 662 °F)	± 0.2 °C
9144	50 °C to 660 °C (122 °F to 1220 °F)	± 0.35 °C at 50 °C ± 0.35 °C at 420 °C ± 0.5 °C at 660 °C
Micro-Baths		
6102	35 °C to 200 °C (95 °F to 392 °F)	± 0.25 °C
7102	-5 °C to 125 °C (23 °F to 257 °F)	± 0.25 °C
7103	-30 °C to 125 °C (-22 °F to 257 °F)	± 0.25 °C
Handheld dry-wells		
9100S	35 °C to 375 °C (95 °F to 707 °F)	± 0.25 °C at 100 °C ± 0.5 °C at 375 °C
9102S	-10 °C to 122 °C (14 °F to 252 °F)	± 0.25 °C
Field dry-wells		
9009	-15 °C to 350 °C (5 °F to 662 °F)	Cold block: ± 0.2 °C Hot block: ± 0.6 °C
9103	-25 °C to 140 °C (-13 °F to 284 °F)	± 0.25 °C
9140	35 °C to 350 °C (95 °F to 662 °F)	± 0.5 °C
Infrared calibrators		
4180	-15 °C to 120 °C (5 °F to 248 °F)	± 0.40 °C at -15 °C ± 0.40 °C at 0 °C ± 0.50 °C at 50 °C ± 0.50 °C at 100 °C ± 0.55 °C at 120 °C
4181	35 °C to 500 °C (95 °F to 932 °F)	± 0.35 °C at 35 °C ± 0.50 °C at 100 °C ± 0.70 °C at 200 °C ± 1.20 °C at 350 °C ± 1.60 °C at 500 °C
9132	50 °C to 500 °C (122 °F to 932 °F)	± 0.5 °C at 100 °C ± 0.8 °C at 500 °C
9133	-30 °C to 150 °C (-22 °F to 302 °F)	± 0.4 °C
Metrology Wells		
9170	-45 °C to 140 °C (-49 °F to 284 °F)	± 0.1 °C
9171	-30 °C to 155 °C (-22 °F to 311 °F)	± 0.1 °C
9172	35 °C to 425 °C (95 °F to 797 °F)	± 0.1 °C at 100 °C ± 0.15 °C at 225 °C ± 0.2 °C at 425 °C
9173	50 °C to 700 °C (122 °F to 1292 °F)	± 0.2 °C at 425 °C ± 0.25 °C at 660 °C
Zero point dry-well		
9101	0 °C (32 °F)	± 0.05 °C
Dual block dry-well		
9011	50 °C to 670 °C (122 °F to 1238 °F)	± 0.2 °C at 50 °C ± 0.4 °C at 400 °C ± 0.65 °C at 600 °C
	-30 °C to 140 °C (-22 °F to 284 °F)	± 0.25 °C (insert wells) ± 0.65 °C (fixed wells)
Thermocouple furnaces		
9150	150 °C to 1200 °C (302 °F to 2192 °F)	± 5 °C
9118A	300 °C to 1200 °C (572 °F to 2192 °F)	± 5 °C