

ITS-90 TEMPERATURE CALIBRATIONS

Device	Calibration Service	Temperature	Uncertainty	Accreditation
SPRT	Fixed Point Calibration Includes Propagation (ArTP, HgTP, H20TP)	-189.3442 to 0°C	2.6 mk	NVLAP
	Fixed Point Calibration Includes Propagation (HgTP, H20TP, GaMP)	-38.8344 to 29.7646°C	0.92 mk	NVLAP
	Fixed Point Calibration Includes Propagation (H20TP, GaMP)	0 to 29.7646°C	0.94 mk	NVLAP
	Fixed Point Calibration Includes Propagation (H20TP, InFP)	0 to 156.5985°C	1.4 mk	NVLAP
	Fixed Point Calibration Includes Propagation (H20TP, SnFP, ZnFP)	0 to 231.928°C	1.7 mk	NVLAP
	Fixed Point Calibration Includes Propagation (H20TP, InFP, SnFP)	0 to 419.527°C	2.8mk	NVLAP
SPRT, PRT	Comparison to SPRT	-196°C to 660°C	± 6 to 14 mk	NVLAP
Thermistor	Comparison to SPRT	-40°C to 150°C	± 6 to 10 mk	NVLAP
Thermocouple	Comparison to SPRT or Type S Thermocouples	-196°C to 1100°C	1.1 k	
Liquid-in-Glass	Comparison to SPRT	-40°C to 550°C	± 6 to 14 mk	
Digital Readouts	Resistance Accuracy	0 to 10k Ohms	± 1 to 15 ppm	NVLAP

All include ITS-90 coefficients, temperature vs. resistance tables or temperature vs. W value tables upon request.