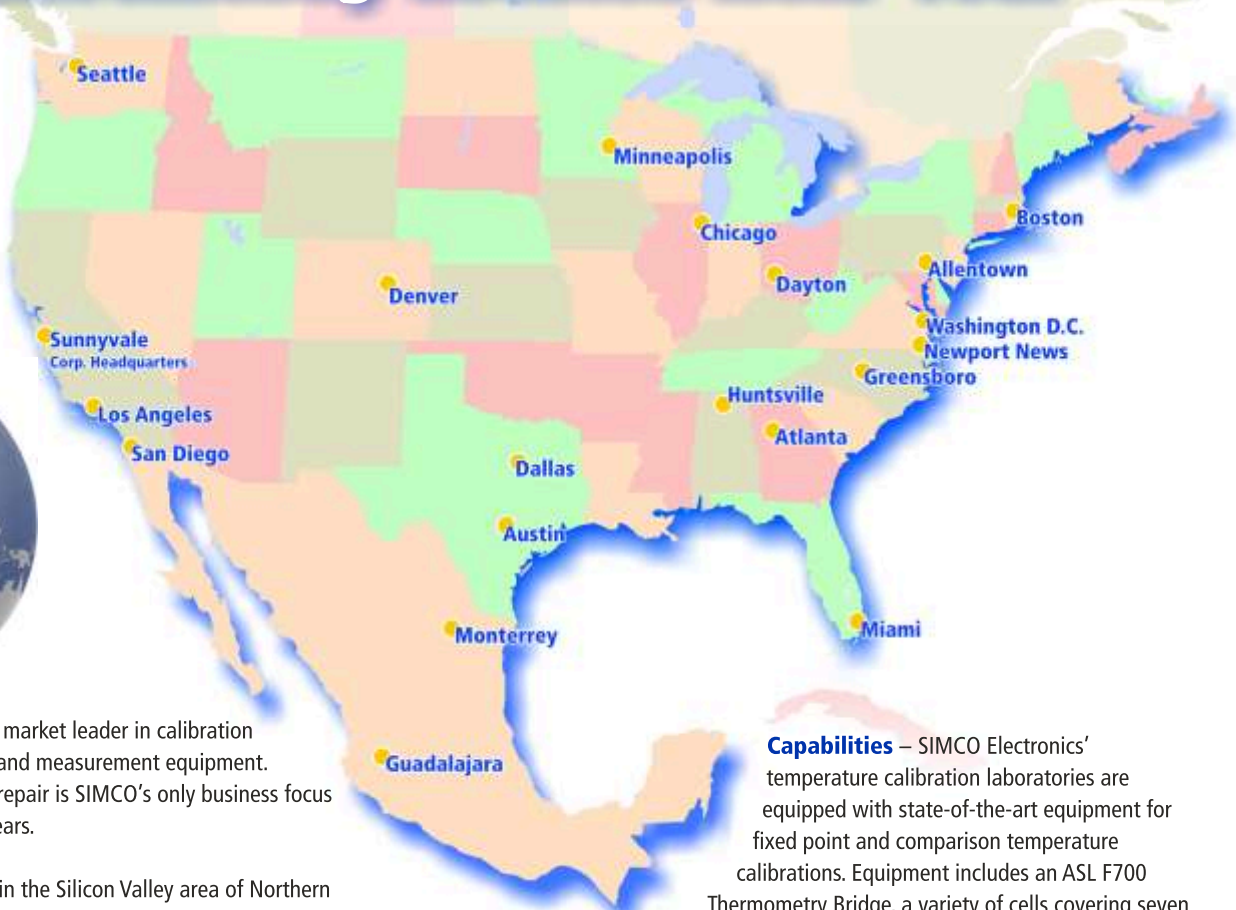


World-Class Temperature Calibration Conveniently Located Near You!



SIMCO Electronics is the market leader in calibration and repair services for test and measurement equipment. Instrument calibration and repair is SIMCO's only business focus and has been for over 40 years.

The company was founded in the Silicon Valley area of Northern California in 1962, with a dedication to customer service, technical superiority, quality of work and fast service. Today, SIMCO Electronics is headquartered in Sunnyvale, California and has grown into a worldwide network of laboratories, with service facilities in the United States, Mexico, and China.

SIMCO Electronics' temperature calibration laboratories utilize the most advanced equipment and training to provide some of the lowest temperature measurement uncertainties available in the market place. SIMCO Electronics' temperature laboratories are ISO/IEC 17025 compliant. SIMCO Electronics offers a complete range of temperature calibration services from -196°C to 660°C for SPRT's, RTD's, Digital Readouts and Liquid-in-Glass Thermometers. Environmental conditions in the laboratories are strictly monitored and controlled.

Capabilities – SIMCO Electronics' temperature calibration laboratories are equipped with state-of-the-art equipment for fixed point and comparison temperature calibrations. Equipment includes an ASL F700

Thermometry Bridge, a variety of cells covering seven temperature fixed points (Al, Zn, Sn, In, Ga, Hg, and H₂O), high precision resistors, and baths. Temperature devices that can be calibrated include SPRT's, PRT's, RTD's, digital thermometers and liquid-in-glass thermometers. Temperature equipment is interfaced with computers that process calibration data to ensure the accuracy of the data collection process and eliminate transcription errors.

CERDAAC.PM – SIMCO Electronics' web-based comprehensive program management solution includes calibration, equipment tracking and enterprise management system capabilities for both SIMCO-serviced and non-SIMCO-serviced items in one common database program.



SIMCO Electronics Fixed Point Calibration Uncertainties

| Parameter/Equipment | Fixed Point | Best Uncertainty | Comments |
|-----------------------------------|-------------|---------------------|----------------------------|
| SPRT / PRT / Digital Thermometers | -195.798°C | ±15mK (0.015°C) | Liquid Nitrogen Comparison |
| SPRT / PRT / Digital Thermometers | -38.834°C | ±1.73mK (0.00173°C) | Mercury Triple Point Cell |
| SPRT / PRT / Digital Thermometers | 0.01°C | ±1.22mK (0.00122°C) | Water Triple Point Cell |
| SPRT / PRT / Digital Thermometers | 29.764°C | ±1.22mK (0.00122°C) | Gallium Melt Point Cell |
| SPRT / PRT / Digital Thermometers | 156.598°C | ±1.5mK (0.0015°C) | Indium Fixed Point Cell |
| SPRT / PRT / Digital Thermometers | 231.928°C | ±2.44mK (0.00244°C) | Tin Fixed Point Cell |
| SPRT / PRT / Digital Thermometers | 419.527°C | ±3.76mK (0.00376°C) | Zinc Fixed Point Cell |
| SPRT / PRT / Digital Thermometers | 660.323°C | ±6mK (0.006°C) | Aluminum Fixed Point Cell |

SIMCO Electronics Comparison Calibration Uncertainties

| Parameter/Equipment | Range | Best Uncertainty | Comments |
|----------------------------------|--------------|------------------|---|
| PRT / RTD / Digital Thermometers | -195 to 0°C | ±18mK (0.018°C) | Comparison Calibrations at LN2 and in Liquid Baths |
| PRT / RTD / Digital Thermometers | -38 to 150°C | ±18mK (0.018°C) | Comparison Calibrations at LN2 and in Liquid Baths |
| PRT / RTD / Digital Thermometers | -38 to 150°C | ±22mK (0.022°C) | Comparison Calibrations at LN2 and in Liquid Baths |
| PRT / RTD / Digital Thermometers | 280 to 660°C | ±51mK (0.051°C) | Comparison Calibrations at LN2 and in Metal Block Baths |



800-432-2351

Visit our website to locate the
nearest SIMCO Electronics Laboratory

www.SIMCO.com

Temperature Calibration Services Include:

- Temperature Calibration from -196°C to 660°C for SPRT's, RTD's Thermistors, Thermocouples, Digital Readouts and Liquid in Glass Thermometers.
- Calibration Method: Fixed-Point or Comparison
- ISO 9001:2000 Registered
- ISO/IEC 17025 Compliant Laboratories
- ASQ Certified Technicians
- Competitive Pricing
- Fast Turnaround Time
- Pick up and Delivery – SIMCO Electronics' nationwide network of calibration and repair laboratories offer pickup and delivery services tailored to meet customer needs.
- NIST Traceable Calibration Certificates for Comparison Temperature Calibrations are designed to meet all regulatory and audit requirements.