



TEMPERATURE CALIBRATION LABORATORY

SIGMA SENSORS THERMAL CHUCK CALIBRATION

ON-SITE / REMOTE THERMAL CHUCK CALIBRATION

Sigma Sensors performs on-site Thermal Calibrations from -60 °C to +200 °C both ISO17025:2017 accredited as well as non-accredited, traceable. Both are offered in-person or remote onsite with our innovative Lab2Go Narrow Band Industrial IoT and/or web-based cloud server system, enabling remote monitoring, logging and automated issuance of calibration certificates.

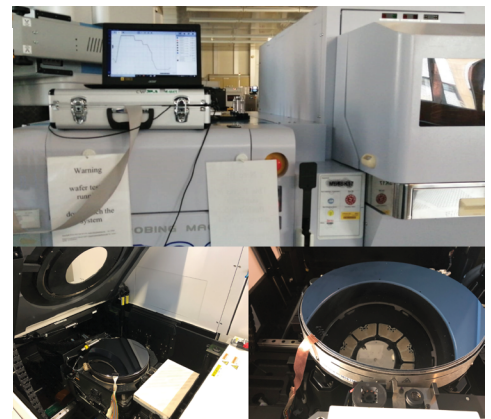
CALIBRATION DETAILS

Accreditation	ISO17025:2017
Temperature Traceability	ITS90
Diameter	200 & 300 mm
Temperature range	(-60 °C/200 °C)
Sensor to sensor	< 0.03 K
BMU	Expanded Uncertainty $\pm 0.05K$, $k=2$
Number of sensors in 200 mm	9 13
Number of sensors in 300 mm	13 17
Sensor type	PT100
Cabling	4-Wire configuration

ISO/IEC 17025:2017 ACCREDITATION CERTIFICATE #6327.01



SIGMA SENSORS



Contact Us

Phone: +49-1520-7048888

E-mail: Harald.ibeles@sigma-sensors.de

Website: www.sigma-sensors.com



Sigma Sensors (TCL) GmbH

Representative Code _____

ABOUT US

At Sigma Sensors (TCL), we serve the global semiconductor industry with **ISO/IEC 17025:2017** accredited and **ITS90** traceable thermal chuck calibrations, temperature wafer calibration and calibration wafers for surface temperature measurement.

OUR MISSION

At Sigma Sensors we strive to provide our customers the highest quality service to internationally established standards. Our goal is to be an instrumental partner to our customers in meeting their calibration requirements and to exceed expectations by continual improvement.

ISO/IEC 17025:2017

ISO/IEC 17025:2017 is the global standard for calibration laboratories. We offer traceable, accurate, and precise surface temperature measurements for the semiconductor industry globally as well as standard thermometer and temperature sensor calibration services.

Sigma Sensors (TCL) is **the first temperature calibration laboratory specializing in surface temperature measurement globally**. Our focused area of expertise are thermal chuck and temperature wafer calibrations. In conjunction with our production and distribution partner TEK-Sense we also offer traceable calibration wafers for the semiconductor industry.

ITS90

When temperature counts and traceability to ITS90 is required, there is only one place where measurements are performed with confidence in the results: Sigma Sensors.