

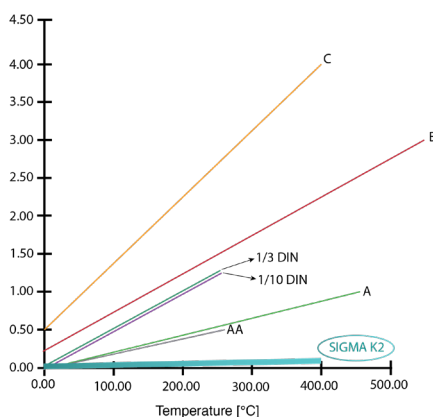


# SIGMA SENSORS THERMAL ENCLOSER CALIBRATION

## WHY DO A THERMAL ENCLOSER CALIBRATION?

The calibration of a temperature-controlled enclosure determines the deviation between the indication on the display values and the corresponding values measured in the enclosure. The calibration of an enclosure's indication is not the best method for documenting the environmental condition during the operation of an enclosure. Using at least one sensor for temperature near the load in the enclosure usually provides much more reliable data than the indication of the enclosure.

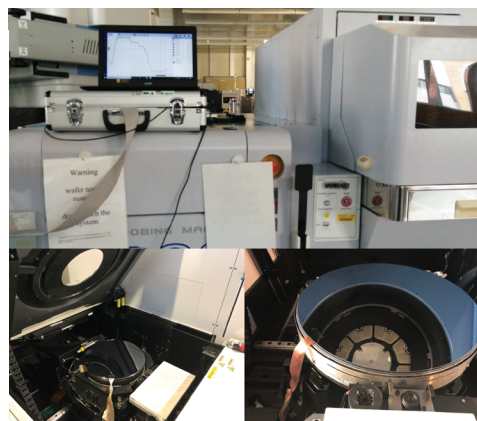
Sigma K2 Accuracy vs PT100 Tolerances



ISO/IEC 17025:2017 ACCREDITATION  
CERTIFICATE #6327.01



SIGMA SENSORS



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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.