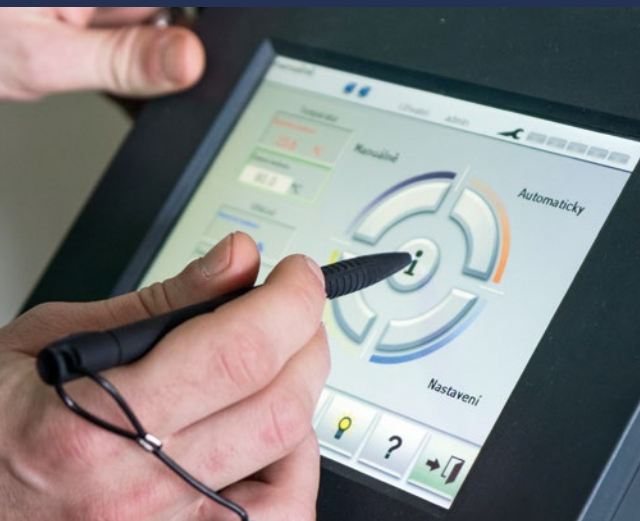


# Accredited Calibration Laboratory No. 2298

We are Calibration Laboratory No. 2298 accredited by ČIA, in accordance with ČSN EN ISO/IEC 17025. We are the first accredited laboratory to conduct temperature and humidity calibrations directly at the customer's site. We have more than 20 years of experience in this field and that is why we offer one of the best measurement uncertainties. We are proud of the quality of our work.

**We would be happy to meet your requirements.**

# Calibration of test chambers



## Temperature

We conduct accredited calibrations of temperature sensors in devices that simulate temperature conditions, such as temperature, shock and salt chambers, hot-air driers and freezer boxes.

### Temperature at a single spatial point

We use calibration in a single spatial point to determine the deviation of the parameters shown on device's display from the value measured using the etalon. We conduct calibrations in a temperature range of -70 to +400 °C, in spaces with a volume from around 20 litres to

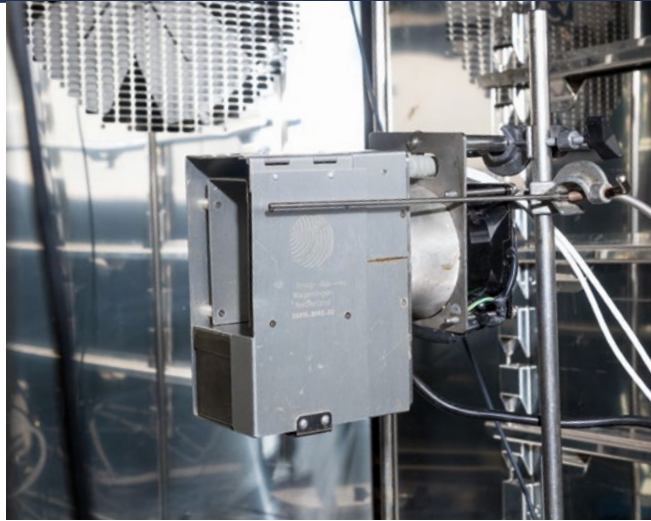
more than 20 m<sup>3</sup>, including adjustments. It is intended for testing chambers, furnaces, hot-air driers, freezer boxes etc.

### Temperature homogeneity

We use homogeneity calibration to determine temperature distribution in a temperature-controlled space. Minimum of 9 etalons are distributed in the given space (the number and positioning of them are specified acc. to standard ČSN EN 60068-3-5). We conduct calibrations in a temperature range of -70 to +150 °C in spaces with a volume from 100 litres to more than 20 m<sup>3</sup>, including adjustments. It is intended for large testing chambers, spaces for storing medicines or sensitive products.

Compliance with applicable standards:

ČSN EN ISO/IEC 17025  
(calibration laboratory)



## Humidity

We conduct accredited calibrations on devices that simulate climatic conditions, for example in environmental and stability chambers.

### Humidity at a single spatial point

We use calibration in a single spatial point to determine the deviation of the parameters shown on device's display that simulate humidity conditions from the value measured using the etalon. We conduct calibrations with a relative humidity range of 10 to 95 %, in a temperature range of 10 to 95 °C, in spaces with volume from 20 litres up to high-volume spaces (more

than 20 m<sup>2</sup>), including adjustments. It is intended for calibration of air-conditioning chambers or products storage areas.

### Humidity homogeneity

We use homogeneity calibration to determine humidity distribution in a controlled space. Minimum of 9 etalons are distributed in the given space (the number and positioning of them are specified acc. to standard ČSN EN 60068-3-5). We conduct calibration with a relative humidity range of 10 to 95 %, in a temperature range of 10 to 95 °C, in spaces with volume from 20 litres up to high-volume spaces (more than 20 m<sup>2</sup>), including adjustments. It is intended for calibration of large testing chambers, spaces for storing medicines or sensitive products.

# Why should you calibrate with us?

There are many reasons for calibrating with us, the most important being:

## Expertise in the field

We are the first accredited laboratory to conduct temperature and humidity calibrations directly at the customer's site and are proud of more than 20 years of experience in this field.

## Flexibility

Our team has calibration technicians located both in Prague and Brno. A single technician can provide servicing (such as regular maintenance or device installations) as well as subsequent device calibration. Our laboratory's extensive equipment allows simultaneous calibration of multiple devices.

## Personal approach

We treat every single customer individually. At the beginning of each contract there is always an understanding of your needs and requirements. We will do our best to meet all your requirements.

## Accuracy

Compared to certifications issued by other accredited calibration laboratories, we offer one of the best measurements of uncertainty. We insist on stabilization of testing space environments for at least one hour so we can guarantee the quality of our work.

## Contact us

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