



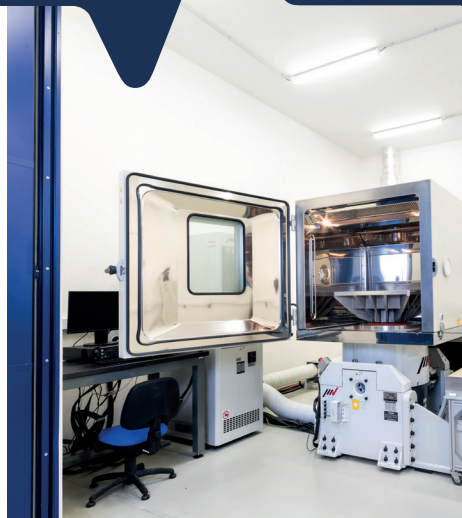
# Accredited Testing Laboratory No. 1676

Since 2014 we have been Testing Laboratory No. 1676 accredited by ČIA in accordance with ČSN EN ISO/EC 17025 for simulating external environmental conditions and vibrations influencing products. Thanks to our extensive portfolio of devices and the know-how of our regularly trained testing technicians we are able to offer the necessary professionalism and flexibility to our customers.

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



# Accredited tests



## External environment simulation



### Temperature and climate tests

With a temperature range of -70 to +180 °C, a change rate of 15 K/min and a humidity range of 10 to 98 %r.h.



### Temperature shock tests

With a temperature range of -80 to +220 °C, temperature changes are applied within 10 seconds



### Corrosion tests

Using salt fog, water condensation or alternating climate conditions

## Vibration tests



### Durability and endurance tests

using sinusoidal and random vibrations, mechanical shocks and modal analyses, all combined with temperature and humidity

We offer the option to independently monitor sample temperatures and project the results directly into a test graph, a voltage report. Our laboratories are equipped with chambers ranging in volume from 34-3400 liters and we can also provide further equipment to meet customer requirements.

**Accredited standards:**  
ČSN EN 60068-2-53

ČSN EN 60068-2-6, ed. 2  
ČSN EN 60068-2-64, ed. 2  
ČSN EN 60068-2-27, ed. 2

ČSN EN 60068-2-1, ed. 2  
ČSN EN 60068-2-2  
ČSN EN 60068-2-14, ed. 2



## Material tests



### Material strength tests

Tension, compression and bend tests



### Material hardness

In accordance with Vickers, Brinell, Rockwell or Shore and IRHD methods



### 2D & 3D measurements

Using optical methods and touch probes



### Microscopic analysis

Inspecting dimensions and material structures

## Device leases

We offer several different solutions, from short-term rentals to long-term leases or leases with a subsequent purchase option. We offer operating leases for devices, i.e. "You test and we care", starting with device installation and user training, then regular device calibration, maintenance, and servicing in the case of malfunction.

# Why should you test with us?

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



## Expertise in the field

Our technicians have many years of experience. They can recommend the most suitable testing method for your samples.

## 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 requests.

## Flexibility

Because of our close relationships with testing technology manufacturers and device users, we are able to provide even equipment that we do not currently own.

## Reliability

We strive to make sure that you can rely on our word as well as our devices. All our equipment are regularly calibrated by an accredited laboratory and serviced by an authorized service company.

## We offer a complete portfolio of services to our customers



Sale



Service



Testing



Calibration



Modernization



Rental



Financing



Consultation



Education

## Contact us

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