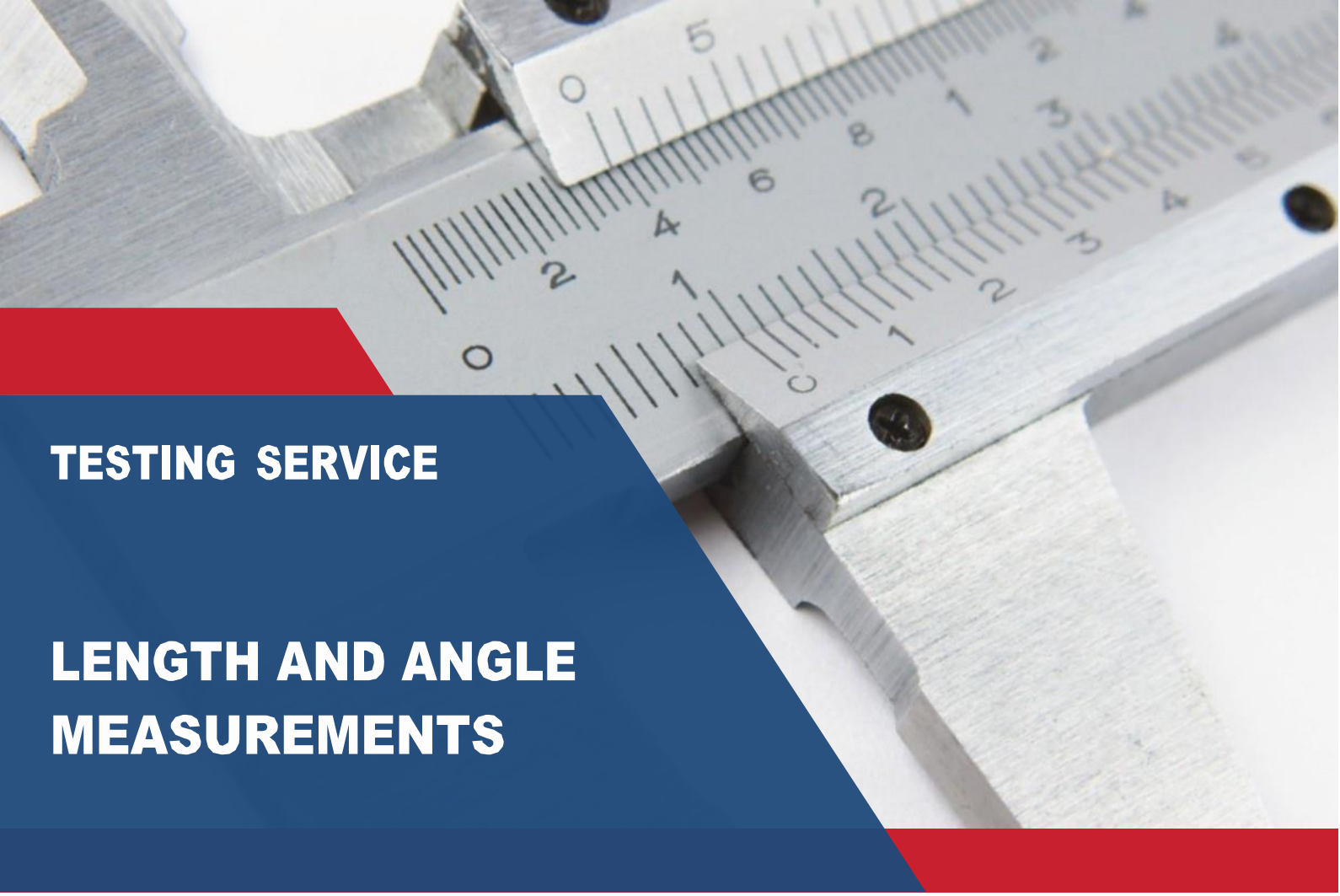

TESTING SERVICE

LENGTH AND ANGLE MEASUREMENTS

SCOPE OF TESTING

Calibration:

- calibration of roughness standards using a contact (stylus) profilometer,
- calibration of roundness standards in the form of a cylindrical flick standard using a contact (stylus) profilometer,
- calibration of spherical standard in the form of a glass hemisphere using rotary axis form measurement instrument.

Measurements:

- surface texture using a contact (stylus) profilometer,
- Surface texture using a nanomachine with AFM, WLI, FV and contact probes,
- geometric deviations using rotary axis form measurement instrument,
- using a 3D structured light scanner,
- large-scale components on a coordinate measuring machine (CMM),
- large-scale components using a laser tracker.

* Accredited testing will be carried out starting in 2026

INTENDED USE

- aerospace and automotive industries,
- robotics (energy production, as well as civil and materials engineering),
- users of advanced measurement instruments for nanoscale testing (AFM, SPM microscopes),
- research and calibration laboratories,
- industries: metalworking and machinery, transportation, electrical engineering, and bearings,
- manufacturers of pumps and industrial valves,
- companies specializing in production process automation,
- manufacturers of machinery for the food industry,
- manufacturers of components produced using 3D printing technology.

ADVANTAGES

Measurements and calibrations performed at the Świętokrzyskie Laboratory Campus / Central Office of Measures (ŚKLGUM) ensure low measurement uncertainty and maintain measurement consistency.

European Funds for Świętokrzyskie
Republic of Poland
Funded by the European Union
Świętokrzyskie Voivodeship

Świętokrzyskie Laboratory Campus | Central Office of Measures

TECHNICAL CONTACT
interlab_pl@tu.kielce.pl
www.kampus.gum.gov.pl

FORMAL CONTACT
biznes@tu.kielce.pl
Phone No. 41 34 24 471

Kielce University of Technology