

TESTING SERVICE

CALIBRATION OF PYROMETERS AND BLACKBODIES FOR RADIATION THERMOMETRY



SCOPE OF TESTING

- calibration of pyrometers and blackbodies for radiation thermometry,
- workshops on the calibration of pyrometers and blackbodies for radiation thermometry.

ADVANTAGES

- testing devices in the temperature ranges from -20 °C to 350 °C,
- measurement accuracy better than 0.3 °C within 32 °C, and better than 0.5 °C in other ranges.

* Testing in the temperature ranges from -50°C to 1100 °C will be carried out starting in 2026

INTENDED USE

- manufacturers of radiation thermometers,
- companies conducting thermal insulation testing of buildings using pyrometers,
- enterprises from sectors including:
 - machinery,
 - automotive,
 - refrigeration,
 - construction,
 - food and catering,

which, at various stages of their technological processes, perform temperature measurements of objects that are difficult to access or hazardous to touch using radiation thermometry.



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